

APPENDIX M

**CREEK SEGMENT B LINER
CONSTRUCTION INFORMATION, 2008**

URS DAILY REPORTS

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 60's.

Project No.: 21561992.00002
Report No.: 102
Date: Mon., February 4, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Monsanto/Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Construction Activities:

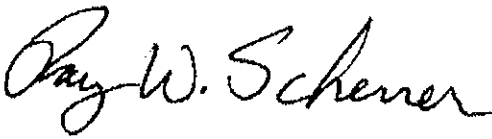
- Pangea shut site construction activities down for the day due to snow and wet site conditions.

Notes and Discussions:

- R. Scherrer and Mike discussed the wet site conditions. Mike intends to have a partial crew onsite tomorrow to pump water (from melting snow). In addition, the area is also forecasted to receive an additional .5 inch of rain tomorrow.

R. Scherrer offsite at 11:45am for the day.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast 40's off/on rain. The site received .5 inches of rain early this morning.

Project No.: 21561992.00002

Report No.: 103

Date: Tue., February 5, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Monsanto/Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Construction Activities:

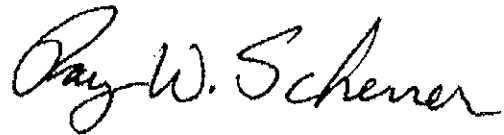
- Pangea shut site construction activities down for the day due to rain and wet site conditions.
- During the Weekly Construction Progress Meeting, Pangea proposed to shut the site down for a few weeks due to the wet site conditions, continuous precipitation, and the next ten day weather forecast. R. Scherrer and Richard Williams agreed. Pangea will spend the remainder of the week preparing the site for shut down and demobilizing equipment.

Notes and Discussions:

- R. Scherrer and Mike discussed the wet site conditions. Mike intends to have a crew onsite tomorrow to begin shutting down the site. In addition to the .5 inches of rain received early this morning, the area is forecasted to receive an additional .75 to 1.0 inch of rain today and tonight.

R. Scherrer offsite at 1:30pm for the day.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast 40's. The site received .5 inches of rain early yesterday morning and an additional 1.7" inches of rain through the day for a total of +/- 2.2" inches of rain in the past 24hrs.

Project No.: 21561992.00002

Report No.: 104

Date: Wed., February 6, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Monsanto/ Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Working Around Water.
- Onsite Personnel- Pangea had 1-Superintendent, 3-Operators, and 8 laborers onsite today.

Stormwater Pollution Prevention Activities: Due to the temporary shut down/demobilization because of weather and wet site conditions, Pangea rebuilt the secondary rock check dam just a few feet upstream of the Judith lane culvert and removed the 48" dia pipe plug from the Judith Lane culvert pipe. The primary check dam will also be rebuilt tomorrow at approximately station 101+60. Silt fencing will also be installed tomorrow and Friday along sections of the creek from Judith Lane north to approximately station 102+50.

Construction Activities:

- Pangea constructed the secondary rock check dam just up stream of the Judith Lane culvert pipe and removed the 48" dia pipe plug.
- Pangea began backfilling the east anchor trench from station 116+50 north to Queeny Ave. with 8 to 10 inch lifts of crushed limestone gravel (CA-6). Each lift was observed to be compacted by the vibratory walk behind sheep foot roller to a medium dense to dense condition.

Equipment:

- D-4G Caterpillar Dozer-Standby.
- 324D Cat Extended Reach Track Hoe-Constructing check dam and removing the pipe plug.
- WA430 Komatsu Front End Loader- Assisted with material handling.
- Cat. 278B w/vibratory roller attachment-Standby.
- 1st TANK-20,000gal Ground Water Storage Tank- Standby.
- Wacker Walk Behind Roller- Compaction of CA-6, Trench backfill.
- PC138 Komatsu Excavator- Assisted with backfilling anchor trench.

URS

Materials:

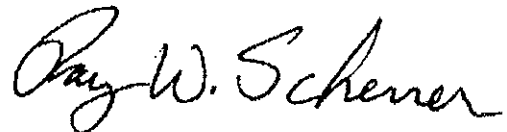
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.
4. Crushed Limestone (CA-6)-
 - 6 trailer loads (135.60 tons) of CA-6 for the east anchor trench backfill from Queeny Ave. to Station 116+50.

Notes and Discussions:

- R. Scherrer and Mike continue to discuss actions needed to shut down the site. Mike will have a full crew onsite tomorrow to continue backfilling the east anchor trench with CA-6, construct the primary rock check dam, placing silt fencing as needed, general site clean up, and possibly begin backfilling the west anchor trench from Queeny Ave. to station 116+50 with onsite stockpiled fill materials (pending on the condition of the fill materials).

R. Scherrer offsite at 4:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 30's.

Project No.: 21561992.00002
Report No.: 105
Date: Thur., February 7, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Monsanto/Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Working Around Water.
- Onsite Personnel- Pangea had 1-Superintendent, 3-Operators, and 8 laborers onsite today.

Stormwater Pollution Prevention Activities: Pangea rebuilt the Primary check dam and installed silt fence in the south portion of Creek Segment B. Silt fencing will also be installed tomorrow along sections of the creek from station 101+40 to approximately station 102+50.

Construction Activities:

- Pangea constructed the Primary rock check dam up stream of the Judith Lane culvert pipe at approximately station 101+60.
- Pangea completed backfilling the east anchor trench from station 116+50 north to Queeny Ave. with 8 to 10 inch lifts of crushed limestone gravel (CA-6). Each lift was observed to be compacted by the vibratory walk behind sheep foot roller to a medium dense to dense condition.

Equipment:

- D-4G Caterpillar Dozer-Misc. site dress up.
- 324D Cat Extended Reach Track Hoe-Constructing check dam.
- WA430 Komatsu Front End Loader- Assisted with material handling.
- Cat. 278B w/vibratory roller attachment-Backfill of east anchor trench.
- 1st TANK-20,000gal Ground Water Storage Tank- Demobilized today.
- Wacker Walk Behind Roller- Compaction of CA-6, Trench backfill.
- PC138 Komatsu Excavator- Assisted with backfilling anchor trench.

URS

Materials:

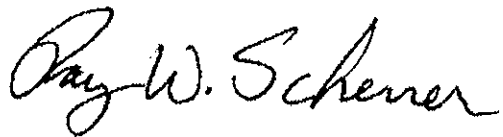
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.
4. Crushed Limestone (CA-6)-
 - 18 trailer loads (407.75 tons) of CA-6 delivered today for the east anchor trench backfill from Queeny Ave. to Station 116+50.
 - 24 trailer loads (543.35 tons) of CA-6 delivered to date for the east anchor trench backfill from Queeny Ave. to Station 116+50.

Notes and Discussions:

- R. Scherrer and Mike continue to discuss actions needed to shut down the site. Mike will have a full crew onsite tomorrow to complete placing silt fencing as needed, general site clean up, and clean the equipment for demobilization.

R. Scherrer offsite at 4:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 30's.

Project No.: 21561992.00002
Report No.: 106
Date: Fri., February 8, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Monsanto/Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was General Safety.
- Onsite Personnel- Pangea had 1-Superintendent, 3-Operators, and 8 laborers onsite today.

Stormwater Pollution Prevention Activities: Pangea placed silt fencing along sections of the creek from station 101+40 to approximately station 102+50.

Construction Activities:

- Pangea installed additional silt fencing as needed throughout the site.
- Pangea had a couple of loads of CA-6 crushed limestone delivered. The gravel was used to dress up the parking lot area along the Metro property.
- Pangea re-installed and repaired barricade fencing around the perimeter of the site.
- Pangea cleaned and washed the equipment in preparation for demobilization.

Equipment:

- D-4G Caterpillar Dozer-Misc. site dress up this morning. Demobilized this afternoon.
- 324D Cat Extended Reach Track Hoe-Demobilized this morning.
- WA430 Komatsu Front End Loader- Cleaned and ready to be demobilized next Monday.
- Cat. 278B w/vibratory roller attachment-Demobilized this morning.
- Wacker Walk Behind Roller- Compaction of CA-6 along the parking lot.
- PC138 Komatsu Excavator- Demobilized this afternoon.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

4. Crushed Limestone (CA-6)-

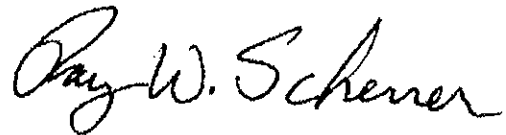
- 18 trailer loads (407.75 tons) of CA-6 delivered today for the east anchor trench backfill from Queeny Ave. to Station 116+50.
- 24 trailer loads (543.35 tons) of CA-6 delivered to date for the east anchor trench backfill from Queeny Ave. to Station 116+50.

Notes and Discussions:

- This morning, R. Scherrer and Mike continue to discuss actions needed to shut down the site. Mike intends to have the site picked up, dressed up, and equipment cleaned and ready for demobilization by the end of the day.
- R. Scherrer and Mike discussed placing a load of flowable fill at the Queeny Ave. culvert pipe location to protect the exposed section of Explorer Pipeline and prevent additional erosion from occurring. After discussing the plan to place flowable fill with Explorer representatives, it was decided to wait with placement of the fill until Explorer has their Contractor remove the broken concrete from the location and inspect the exposed section of pipe. After the inspection has been completed, R. Scherrer will work with Explorer and their contractor to complete backfill of this location and replace the old broken up concrete curb and gutter area.

R. Scherrer offsite at 4:30pm for the day.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear, high 70's to low 80's.

Project No.: 21561992.00002
Report No.: 107
Date: Wed., April 23, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:45am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was General Safety overview.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 1 laborer.

Stormwater Pollution Prevention Activities: Pangea continued to pump standing storm water from Dead Creek Seg. B.

Construction Activities:

- Pangea used the extended reach track hoe and the track high lift to resume placement of riprap materials along the west creek bank from approximately 115+25 northward.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Mobilized onsite yesterday. Continued with placement of riprap on the west side slope near station 115+25.
- 953C Cat Track Highlift- Mobilized onsite yesterday. Was used to haul riprap to the rock box.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

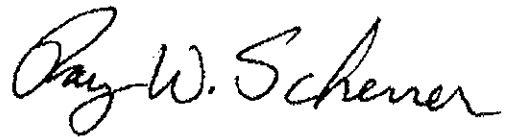
URS

Notes and Discussions:

- R. Scherrer and Mike discussed remobilization and work activities. Mike intends to continue with riprap placement and dewatering activities this week. Mike indicated that the Pangea dozer is on another site and is anticipated to be mobilized on this site in a week.
- R. Scherrer discussed the use of the 953 track high lift to supply riprap to the long reach track hoe. The track hoe has a lot of standby time waiting for riprap to be supplied. R. Scherrer recommended to Mike that a rubber tire front end loader be mobilized onsite similar to the one that was used before the shut down. Mike indicated that he would call and check with Scott Ely.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy, 70's.

Project No.: 21561992.00002
Report No.: 108
Date: Thur., April 24, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:45am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Fire Extinguishers.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 1 laborer.

Stormwater Pollution Prevention Activities: Pangea continued to pump standing storm water from Dead Creek Seg. B.

Construction Activities:

- Pangea used the extended reach track hoe and the track high lift to resume placement of riprap materials along the west creek bank from approximately 116+00 to 116+50.
- Pangea used the 953 highlift to perform site grading activities along the west ACB anchor trench from station 116+50 north to Queeny Ave.
- Pangea mobilized the 290 track hoe and the 953 highlift around the north end of the site to approximately station 116+00 late this afternoon in preparation to load and relocate the existing stockpile of base rock tomorrow. The base rock will be relocated to the riprap stockpile area on the west side of the creek.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Continued with placement of riprap on the west side slope from station 116+00 to 116+50.
- 953C Cat Track Highlift- Was used to haul riprap to the rock box.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.

URS

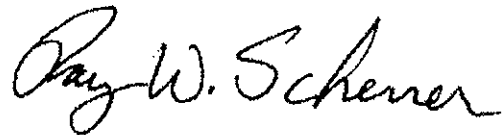
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

Notes and Discussions:

- This morning, R. Scherrer and Mike re-discussed remobilization and work activities. The use of the 953 track high lift to supply riprap to the long reach track hoe is very slow. The track hoe has a lot of standby time waiting for riprap to be supplied. R. Scherrer recommended to Mike that a rubber tire front end loader be mobilized onsite similar to the one that was used before the shut down. Mike indicated that he spoke with Scott Ely and Scott indicated that he did not want rubber tire front end loader onsite. In addition, if Pangea would have also mobilized a front end loader yesterday then the 953 high lift could have been utilized to complete site grading activities along the sides of the creek.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy, 70's.

Project No.: 21561992.00002
Report No.: 109
Date: Fri., April 25, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:45am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Seat Belt Usage.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued to pump standing storm water from Dead Creek Seg. B.

Construction Activities:

- Pangea used the extended reach track hoe to dewater a small area of standing water along the east side of the creek at Site M.
- Pangea used the 953 highlift and 2 tandems to relocate the stockpile of base rock from the Metro Property to the riprap staging area on the west side of the creek. This is in preparation for riprap deliveries to begin on Monday and placement of riprap along the east side of the creek to begin.
- Late this morning, Pangea used the trackhoe to begin loading up the stockpile of soil in the contractors parking lot. The loads of soils were spotted along the east side of the creek for site grading.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Miscellaneous dewatering activities and soil handling.
- 953C Cat Track Highlift- Was used to load base rock, and site grading.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.

URS

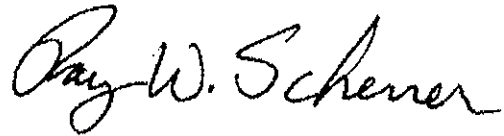
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

Notes and Discussions:

- This morning, R. Scherrer and Mike discussed work activities for today with the limited onsite equipment. The 953 track high lift will be used along with two Grantham tandem haul trucks to relocate the base rock stock pile from the Metro Property to the riprap stockpile location on the west side of the creek. The long reach track hoe will be utilized to dewater the standing water at Site M by removing a temporary storm water control berm installed previously. The track hoe will then work on the removal of the soil stockpile in the contractor's parking area. If time permits, Pangea will remove the northern most check dam in preparation for grading work to resume within the creek from approximately station 103+50 south to Judith Lane.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy, 40's light rain from ~9:00am to 10:00am.

Project No.: 21561992.00002

Report No.: 110

Date: Mon., April 28, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:45am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was PPE, Hard Hat, Safety Glasses, and High Visibility Vests.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued to pump standing storm water from Dead Creek Seg. B. Pangea removed one of the rock check dams (from approximately station 101+60) the second rock check dam remains immediately up stream of the 48"dia culvert pipe.

Construction Activities:

- Pangea used the extended reach track hoe to remove one of the rock check dams located at approximately station 101+60.
- Pangea used the 953 highlift to perform miscellaneous site grading along the east side of the creek and to manage incoming riprap materials.
- Pangea began stockpiling riprap on the southwest corner of the Metro Property. Same location as the previous stockpile of bedding gravel.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used this morning to remove one rock check dam, then moved to the northeast side of the site to begin placement of riprap on the east side slope.
- 953C Cat Track Highlift- Was used to perform site grading then handling of riprap.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.

URS

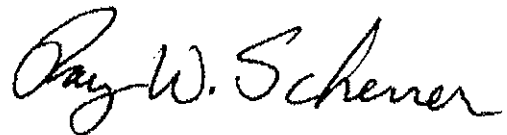
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 10 trailer loads (204.75 tons) of riprap received today.
 - 155 trailer loads (3,226.15 tons) of riprap delivered to date.

Notes and Discussions:

- This morning, R. Scherrer and Mike discussed work activities for today and the week. Mike indicated that Pangea would concentrate on placement of riprap along the east side of the creek along with continued dewatering of storm water from the south end of the creek near Judith Lane, and some site grading.
- Mike anticipates mobilizing a D4 dozer onsite by the end of the week to assist with site grading and finish grading of the liner subgrade from +/- station 103+00 south to Judith Lane.

R. Scherrer offsite at 4:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 60's.

Project No.: 21561992.00002
Report No.: 111
Date: Tue., April 29, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips, Trips, and Falls.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued to pump storm water from Dead Creek Seg. B.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 116+50 to station 113+50.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.

Materials:

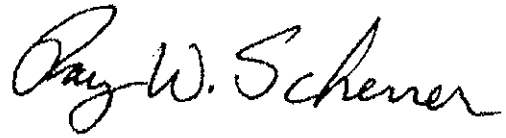
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 21 trailer loads (438.50 tons) of riprap received today.
 - 176 trailer loads (3,664.65 tons) of riprap delivered to date.

URS

Notes and Discussions: None.

R. Scherrer offsite at 4:00pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "KMB" in black ink, located below the main signature.

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's.

Project No.: 21561992.00002
Report No.: 112
Date: Wed., April 30, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Fire Extinguishers and Refueling.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down to pumping as needed. Pangea continues to monitor the rock check dam and silt fencing as needed.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 113+50 to station +/112+00.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 24 trailer loads (500.30 tons) of riprap received today.
 - 200 trailer loads (4,164.95 tons) of riprap delivered to date.

URS

Notes and Discussions: None.

R. Scherrer offsite at 4:00pm for the day.

Signed by:

Ray W. Scherrer
KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's.

Project No.: 21561992.00002
Report No.: 113
Date: Thur., May 1, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Swing Radius of Equipment.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down to pumping as needed. Pangea continues to monitor the rock check dam and silt fencing as needed.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 112+00 to station +/111+50.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.

Materials:

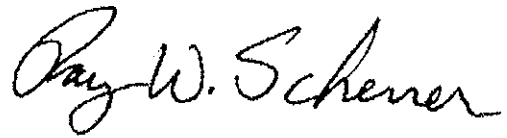
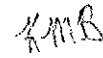
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 25 trailer loads (495.65 tons) of riprap received today.
 - 225 trailer loads (4,660.60 tons) of riprap delivered to date.

URS

Notes and Discussions: None.

R. Scherrer offsite at 4:00pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive style with a large, looping 'R' and 'S'.A small handwritten mark or signature in black ink, appearing to be the initials "RMB".

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 70's. Site received 1/10th inch of rain this morning.

Project No.: 21561992.00002

Report No.: 114

Date: Fri., May 2, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Lightning and Severe Weather.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down to pumping as needed. Pangea continues to monitor the rock check dam and silt fencing as needed.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 111+50 southward to station +/110+70.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 15 loads (305.25 tons) of riprap received today.
 - 240 trailer loads (4,965.85 tons) of riprap delivered to date.

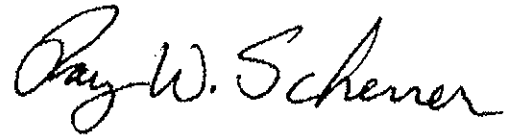
URS

Notes and Discussions:

- Michael Miller and Eric Fritsch onsite to collect creek water samples to check for VOCs and SVOCs. Two sets of samples were collected from two separate locations along the east side slope between stations 101+60 and station 103+00.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "KMB" in black ink, located below the signature.

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 70's.

Project No.: 21561992.00002
Report No.: 115
Date: Mon., May 5, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Onsite Vehicle Traffic.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down to pumping as needed. Pangea continues to monitor the rock check dam and silt fencing as needed.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 111+00 southward to station +/- 110+00.
- Pangea used the D4 dozer late this afternoon to perform general site grading along the west side of the creek from approximately station 104+00 north to station 114+00.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.
- D4 Cat Dozer- Mobilized onsite.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No riprap deliveries today.
 - 240 trailer loads (4,965.85 tons) of riprap delivered to date.

URS

Notes and Discussions: None.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

Ray W. Scherrer
KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's.

Project No.: 21561992.00002
Report No.: 116
Date: Tue., May 6, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Insects Bites, Snakes Onsite Animals.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down to pumping as needed. Pangea continues to monitor the rock check dam and silt fencing as needed.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 110+00 southward to station +/- 109+50.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials in the east side slope.
- 953C Cat Track Highlift- Was used to stage and handle riprap.
- D4 Cat Dozer- Standby.

Materials:

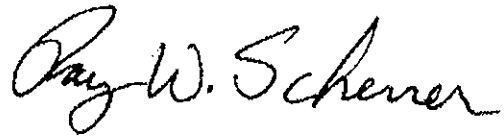
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No riprap deliveries today.
 - 240 trailer loads (4,965.85 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer received test results for the creek water samples collected last Friday. The results were also forwarded to Richard Williams for review.
- R. Scherrer informed Mike Shepard to order and install another 48" dia pipe plug in the Judith Lane culvert pipe (same as we had before the winter shut down).

R. Scherrer offsite at 3:30pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "KMB" in black ink, located below the signature.

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 60's. T-Storm this morning. Site received .2 inches of rain. Rain then again set in for the remainder of the day at ~12:30pm.

Project No.: 21561992.00002

Report No.: 117

Date: Wed., May 7, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Trenching and Shoring.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water has been shut down. Pangea installed a 48"dia pipe plug in the Judith Lane culvert pipe to prevent ground water from leaving the site. Pangea installed an earth dam at approximately station 103+00. This is to isolate incoming storm water coming from the north end of the site from the seep water entering the creek excavation from the east slope between stations +/-103+00 and 101+60. Pangea will install a new storm water pump to pump storm water from north of station 103+00 passed the remaining portion of the creek to be lined. A water treatment system is being discussed and planned to begin mobilization onsite mid next week. The water that is contained between station +/- 103+00 and Judith Lane will be run through the treatment system, tested, and released.

Construction Activities:

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 109+50 southward to station +/- 109+00.
- This afternoon Pangea was requested to construct an earth dam crossing the creek at +/- station 103+00 and install a 48"dia pipe plug into the Judith Lane culvert pipe. Both the track hoe and highlift were used this afternoon to construct the dam.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used to place riprap materials on the east side slope. And construct a earth dam at station 103+00.
- 953C Cat Track Highlift- Was used to stage and handle riprap. And assist with construction of the earth dam at station 103+00.
- D4 Cat Dozer- Standby.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.

URS

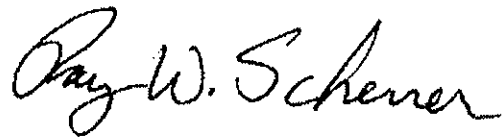
- Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
 3. Rip Rap-
 - 14 trailer loads (282.10 tons) of riprap received today.
 - 254 trailer loads (5,247.95 tons) of riprap delivered to date.

Notes and Discussions:

- Mark Bybee with Rain For Rent was requested onsite for a meeting at ~1:45pm to discuss the availability of a treatment system. R. Scherrer, Richard Williams, Scott Ely, Mike Sheppard, and Mark Bybee met and discussed the use of treatment system to treat the contained ground water. Mark indicated that he could have the costs put together by this Friday and could start mobilization of equipment by mid to end of next week.

R. Scherrer offsite at 4:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast 60's. Rain. The site received 1.5 inches of rain since yesterday morning and an additional .4 inches of rain through the afternoon for a total of +/- 1.9 inches in the last 36 hours.

Project No.: 21561992.00002

Report No.: 118

Date: Thur., May 8, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Lock Out Tag Out.
- Onsite Personnel- Pangea had 1-Superintendent, 1-Operator, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water resumed this afternoon. Pangea installed a 3" storm water pump on the upstream side of the earth dam at station +/-103+00 to pump storm water from north of station 103+00 passed the remaining portion of the creek to be lined. A water treatment system is being discussed and planned to begin mobilization onsite mid next week. The water that is contained between station +/- 103+00 and Judith Lane will be run through the treatment system, tested, and released.

Construction Activities:

- Pangea used the extended reach track hoe to assist placement of a three inch pump on the north side of the earth dam at station +/- 103+00. This pump will be used to pump storm water entering the site from the north. The storm water will be pumped passed the work zone between station 103+00 and Judith Lane.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Was used half of the day to assist set up of the 3" storm water pump then went on standby for the remainder of the day.
- 953C Cat Track Highlift- Demobilized this morning.
- D4 Cat Dozer- Demobilized this morning.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.

3. Rip Rap-

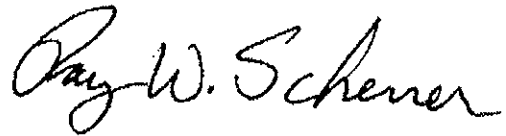
- No rip rap deliveries today.
- 254 trailer loads (5,247.95 tons) of riprap delivered to date.

Notes and Discussions:

- Ken Berry arrived onsite at ~9:30am to meet with R. Scherrer and Richard Williams to discuss the incoming ground water, slope stability of the east slope, liner installation and general construction of the remaining portion of the Dead Creek Seg. B Liner System from station 103+00 south to Judith Lane.
- R. Scherrer and Mike Sheppard discussed mobilization of water storage tanks for containment of ground water. Mike will have Rain For Rent begin mobilization of four 21,000 gal storage tanks tomorrow morning.

R. Scherrer offsite at 4:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Clear high 60's. The site received an additional 1" inch of rain over the weekend.

Project No.: 21561992.00002

Report No.: 120

Date: Mon., May 12, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Vehicle Safety.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water from station +/-103+00 passed the remaining portion of the creek to be lined continued today. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Construction activities today were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Continued placement of riprap.
- IT 28G Rubber Tire Front End Loader- Managed riprap materials.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.

URS

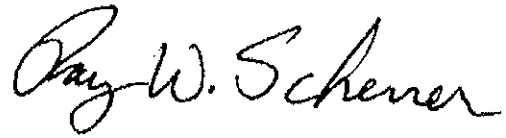
3. Rip Rap-

- No rip rap deliveries today.
- 254 trailer loads (5,247.95 tons) of riprap delivered to date.

Notes and Discussions: None.

R. Scherrer offsite at 4:00pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "RMB" in black ink, located below the main signature.

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast 70's off/on thunder storms. The site received an additional 4 tenths of an inch of rain today.

Project No.: 21561992.00002

Report No.: 121

Date: Tue., May 13, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Proper Lifting.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water from station +/-103+00 passed the remaining portion of the creek to be lined continued today. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Construction activities today were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea raised the height of the control dam at +/-station 103+00 by an addition 1 to 1.5 ' to help prevent storm water from over topping the dam.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Continued placement of riprap. Placed an additional 1 to 1.5' of soil on the storm water control dam at station +/-103+00.
- IT 28G Rubber Tire Front End Loader- Managed riprap materials.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.

URS

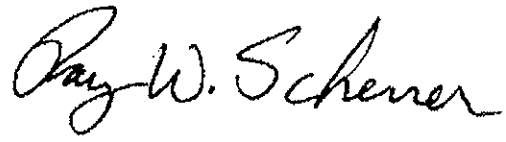
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 17 trailer loads (358.70 tons) of rip rap delivered today.
 - 271 trailer loads (5,606.65 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer informed Mike to have the excavator increase the height of the storm water control dam at +/- station 103+00 to help prevent storm water from over topping the dam and prepare for the predicted rains.
- R. Scherrer requested that Pangea purchase an additional 1200' of 3" lay flat hose so that a second storm water pump could be installed to pump water passed the utility dam located south of Judith Lane.

R. Scherrer offsite at 3:30pm for the day.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 60's.

Project No.: 21561992.00002
Report No.: 122
Date: Wed., May 14, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was General Outdoor Safety and Awareness.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.
- Note: Second operator arrived onsite at ~ noon.

Stormwater Pollution Prevention Activities: Pumping of storm water from station +/-103+00 passed the remaining portion of the creek to be lined continued today. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Construction activities today were limited due to very wet site conditions.
- Pangea used the front end loader to assist with deployment of the 1200' of lay flat hose that will be used along with a second pump to dewater storm water from the north portion of Dead Creek Seg. B. Pangea began set up of the second pump; hose was laid out, pump was set near the pumping location and electrical wiring was placed in preparation to be connected. Pangea will complete the set up of the second pump tomorrow morning.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- On Standby this morning while the operator was off site.
- IT 28G Rubber Tire Front End Loader- Provided assistance while setting up the second dewatering pump.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.

3. Rip Rap-

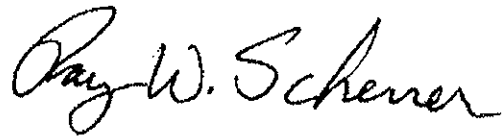
- No rip rap deliveries today.
- 271 trailer loads (5,606.65 tons) of riprap delivered to date.

Notes and Discussions:

- This morning, R. Scherrer and Mike Sheppard discussed that the 1200' of lay flat hose and the second dewatering pump needs to be operational by this afternoon. This afternoon, Pangea was unable to complete the set up of the second pump. Needed some additional lay flat hose to reach the pumping location, and some additional electrical connectors. Pangea will make the final connections tomorrow morning and set the pump in preparation for the forecasted rains expected to start tomorrow afternoon.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy high 60's. Off/ on lt. rain. Site received 1 tenth of an inch of rain today.

Project No.: 21561992.00002

Report No.: 123

Date: Thur., May 15, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was a Single Second.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pumping of storm water from station +/-103+00 passed the remaining portion of the creek to be lined continued today. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone.

Construction Activities:

- Construction activities today were limited due to very wet site conditions.
- Pangea completed connecting the second electric pump and placed it into operation pumping storm water from the north portion of Dead Creek Seg. B.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.

URS

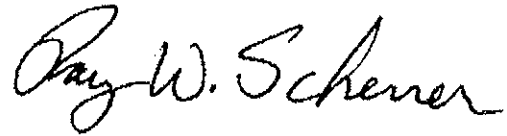
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No rip rap deliveries today.
 - 271 trailer loads (5,606.65 tons) of riprap delivered to date.

Notes and Discussions:

- Mike indicated that Rain For Rent may have some of the carbon vessels delivered for the water treatment plant tomorrow, late afternoon.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "HMB" in black ink, located below the signature.

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear high 60's.

Project No.: 21561992.00002
Report No.: 124
Date: Fri., May 16, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Caught Between Hazards.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued pumping storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Construction activities today were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.
- 6- Carbon Filter Vessels- On Standby.

URS

Materials:

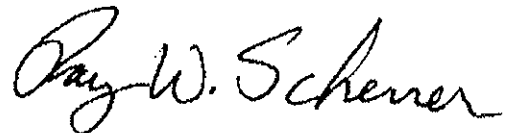
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 1 trailer load (20.15 tons) of rip rap delivered today.
 - 272 trailer loads (5,626.80 tons) of riprap delivered to date.

Notes and Discussions:

- Rain For Rent delivered the 6 carbon vessels mid morning.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's.

Project No.: 21561992.00002
Report No.: 125
Date: Mon., May 19, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Preventing Eye Injuries.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued pumping storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- The rubber tire front end loader was also used to assist set up of the treatment system.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement. Assisted set up of the treatment system.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.
- 6- Carbon Filter Vessels- On Standby.
- Pump, sand filter, and bag filter skids- Were mobilized onsite this morning at 10:15am.

Materials:

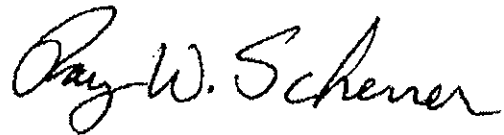
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 9 trailer loads (182.55 tons) of rip rap delivered today.
 - 301 trailer loads (5,809.35 tons) of riprap delivered to date.

Notes and Discussions:

- Rain For Rent delivered the pump, sand filter skid and bag filter skid this morning at 10:15am. Pangea along with the assistance of a Rain For Rent Rep. began setting up the system.
- R. Scherrer and Mike Sheppard discussed the mobilization of construction equipment needed to complete the excavation and subgrade preparation to install the remaining liner system from +/- 103+00 to Judith Lane. R. Scherrer informed Mike that the equipment and materials need to be mobilized by this Friday in order to be ready for construction to resume next Tuesday May 27th.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 70's.

Project No.: 21561992.00002
Report No.: 126
Date: Tue., May 20, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Sources of Energy (LOTO).
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 2 laborers.

Stormwater Pollution Prevention Activities: Pangea continued pumping storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea used the fire hydrant to charge the sand and carbon filters. The filters have to be charged with water for 12 to 24 hours before the treatment system can begin operation. Pangea continued to hook up the power supply to the treatment system, the water supply line from the creek, and the emergency overflow hose from the weir tank back to the creek. Pangea anticipates completing the final electrical hook up and the creek supply piping so that the treatment system can begin operation by late tomorrow morning.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement.
- 1-Weir Tank- On Standby.
- 3- Frac Tanks- On Standby.
- 6- Carbon Filter Vessels- On Standby.
- Pump, sand filter, and bag filter skids- On Standby.

URS

Materials:

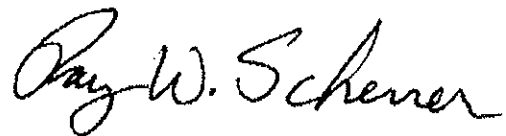
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No rip rap deliveries today.
 - 301 trailer loads (5,809.35 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer, Richard Williams and Mike Sheppard rediscussed the mobilization of construction equipment needed to complete the excavation and subgrade preparation to install the remaining liner system from +/- 103+00 to Judith Lane. Mike was informed that the equipment and materials need to be mobilized by this Friday in order to be ready for construction to resume next Tuesday May 27th.
- Mike was also informed to have a GSI crew mobilize onsite Monday June 2nd.

R. Scherrer offsite at 4:00pm for the day.

Signed by:


AMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 70's.

Project No.: 21561992.00002
Report No.: 127
Date: Wed., May 21, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Head Injuries After the Fact.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 4 laborers.

Stormwater Pollution Prevention Activities: Pangea continued pumping storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea also returned to station +/-109+00 and placed riprap from the toe of the east slope up slope to the currently placed riprap. Pangea continued placement of riprap along the toe of the east slope from +/-109+00 to station 107+00.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea with Rain For Rent started up the treatment system this morning at ~11:00am and treated water until ~3:15pm. Water was treated and stored in a clean frac tank. Billy Howland with URS sampled the treated water from the clean frac tank and sent samples to TEKLAB, INC to be tested for VOC's and SVOC's. Results are anticipated to be received this Friday.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement.
- 1-Weir Tank- In use.
- 1- Clean Frac Tank- In use.
- 2- Frac Tanks- On Standby.
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids- Used from 11:00 am to ~3:15pm to pump and treat and batch of ground water.

URS

Materials:

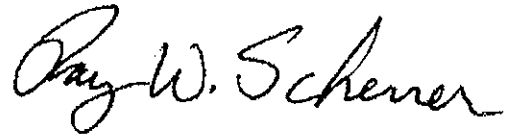
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 10 trailer loads (207.35 tons) of riprap was delivered today.
 - 311 trailer loads (6,016.70 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Sheppard discussed that Pangea will have to rent an additional storm water pump to assist with pumping storm water passed the construction area.
- SCI was onsite to collect a riprap sample for the final onsite riprap gradation to be completed.

R. Scherrer offsite at 4:00pm for the day.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 70's. Lt. off/on rain.

Project No.: 21561992.00002
Report No.: 128
Date: Thur., May 22, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Tire Explosions.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 4 laborers.

Stormwater Pollution Prevention Activities: Pangea continued pumping storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea is using 2 submersible electric pumps to pump storm water passed the work zone. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from +/- 107+00 south.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Rain For Rent returned onsite today to make some minor adjustments to the treatment system and replace a couple of leaking hose connections.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Placement of riprap.
- IT 28G Rubber Tire Front End Loader- Assisted riprap placement.
- 1-Weir Tank- In use.
- 1- Clean Frac Tank- In use.
- 2- Frac Tanks- On Standby.
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids- On Standby.

URS

Materials:

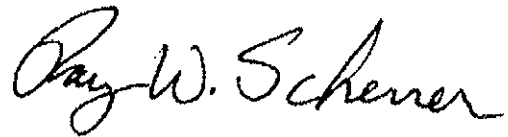
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 10 trailer loads (203.60 tons) of riprap was delivered today.
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Sheppard continue to discuss equipment and material staging. Mike intends to have a dozer and a smaller track hoe mobilized onsite this Friday. A skid steer should arrive middle of next week. Gravel and sand deliveries should begin Friday.

R. Scherrer offsite at 4:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's. Trace Lt. Rain.

Project No.: 21561992.00002
Report No.: 129
Date: Fri., May 23, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Accident Factors.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 4 laborers.

Stormwater Pollution Prevention Activities: Pangea continued to use 2 submersible electric pumps to pump storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- Pangea used the extended reach track hoe to assist with clean up of sand bags, gravel and debris from the north ACB mat area.
- The rubber tire front end loader along with the D4 dozer was used to perform general site grading along the west side of the site to promote positive drainage from the west to the creek channel.
- Rain For Rent returned onsite today to make additional adjustments to the treatment system, repair leaks, and change a battery.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe- Used partial day to assist with clean up of the ACB. Then went on standby.
- IT 28G Rubber Tire Front End Loader- Loaded remaining stockpile of soil from the south end of the site and assisted with general site grading.
- Cat D-4G LPG Dozer- Mobilized onsite today. Was used to perform site grading along the west side of the site.
- 1-Weir Tank- In use.
- 1- Clean Frac Tank- In use.
- 2- Frac Tanks- On Standby.
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids- On Standby.

URS

Materials:

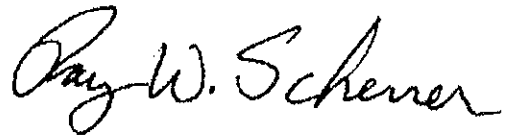
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No riprap deliveries today.
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Sheppard continue to discuss equipment and material staging. Mike's smaller track hoe should be mobilized onsite Tuesday morning. Gravel and sand deliveries did not start today as requested. Mike said that they would be delivered first thing Tuesday morning.

R. Scherrer offsite at 4:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast 70's. Lt off/on Rain. The site received 1.8" inches of rain over the 3 day Holiday Weekend.

Project No.: 21561992.00002

Report No.: 130

Date: Tue., May 27, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips, Trips, Falls, and General Wet Site Conditions.
- Onsite Personnel- Pangea had 1-Superintendent, 2-Operators, and 4 laborers.
- Sent 1 operator and 2 laborers home after show up time.

Stormwater Pollution Prevention Activities: Pangea continued to use 2 submersible electric pumps to pump storm water from station +/-103+00 passed the remaining portion of the creek to be lined. Pangea continues to monitor and maintain the storm water control berm at station +/-103+00.

Construction Activities:

- The site is in a very wet condition. Approximately 1.8" inches of rain was received over the weekend. The rainfall refilled the creek segment upstream of the control berm at station 103+00. Site activities were limited to staging some 2" clean limestone and sand materials.
- The D-4 dozer was used briefly this morning to level the staging area so that 2" clean limestone and sand deliveries could be made.
- We received approval from the EPA to pump, treat, and discharge water from the ground water storage area. The treatment system was operated from ~11:30am until ~3:30pm to lower the ground water containment area south of station 103+00 approximately 1 ft. to allow for additional capacity during the forecasted rains.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe-Standby.
- 160LCD-7 Hyundai Track Hoe- Mobilized onsite this morning.
- IT 28G Rubber Tire Front End Loader- Standby.

URS

- Cat D-4G LPG Dozer- Used for a couple of hours this morning to grade out the gravel materials staging area. Then returned to standby.
- 1-Weir Tank- In use.
- 1- Clean Frac Tank- In use.
- 2- Frac Tanks- On Standby.
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids- Used from ~11:30am to the end of the day to pump the groundwater area down +/- 1 ft to allow for forecasted rains. Then returned to standby.

Materials:

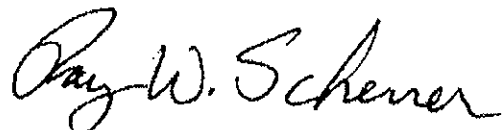
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - No riprap deliveries today.
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered this morning.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered this morning.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric received late last week.

Notes and Discussions:

- Site and weather conditions were discussed during the weekly construction progress meeting. It was decided to put the construction activities on standby while Creek Segment B is dewatered.

R. Scherrer offsite at 4:00pm for the day.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 60's.

Project No.: 21561992.00002
Report No.: 131
Date: Wed., May 28, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am. Note: The site has been placed back into a temporary shut down mode for the next couple of weeks as the storm water is dewatered from the northern portion of Dead Creek Seg. B (from station 103+00 north).

Stormwater Pollution Prevention Activities: Two submersible electric pumps continue to pump storm water from station +/-103+00 passed the remaining portion of the creek to be lined and over the dam (utility pipe crossing the creek channel) approximately 1200' south of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). Due to the abnormally wet winter and spring the creek channel is full of storm water from Queeny Ave south and into the Borrow Pit Lake area making it more difficult to dewater Dead Creek Segment B.

Ground Water Activities: Approval to pump treat and discharge ground water from Dead Creek Segment B was given by the EPA last Tuesday May 27th. The treatment system was operated from ~11:30 am to ~3:30pm only to pump the ground water storage area (Station 103+00 south to Judith Lane) down +/- 1ft to allow for forecasted rains.

Construction Activities:

- Construction activities have been shut down for the next couple of weeks to allow for dewatering of the creek.

Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe-Standby.
- 160LCD-7 Hyundai Track Hoe- Standby.
- IT 28G Rubber Tire Front End Loader- Standby.
- Cat D-4G LPG Dozer-Standby.
- 1-Weir Tank- In use.
- 1- Clean Frac Tank- In use.
- 2- Frac Tanks- On Standby.
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids-Standby.

URS

Materials:

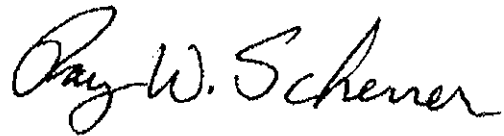

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric received late last week.

Notes and Discussions:

- Site and weather conditions were discussed during this week's construction progress meeting. It was decided to put the construction activities on standby while Creek Segment B is dewatered. Pangea was informed to check with the equipment rental companies on a reduced rate for stand down. If this can not be achieved then some of the equipment may have to be demobilized and then remobilized when construction activities resume.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 70's.

Project No.: 21561992.00002
Report No.: 132
Date: Mon., October 6, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Onsite Personnel- Pangea had 1-Superintendent onsite today.

Stormwater Pollution Prevention Activities: Three submersible electric pumps were utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: Approval to pump treat and discharge ground water from Dead Creek Segment B was given by the EPA last Tuesday May 27th. A small 5 gpm submersible pump was installed in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Mike Sheppard with Pangea began mobilizing onsite today. Some minor construction activities have been planned for the next couple of weeks. Activities are to include grouting the ACB seams at the north end of the site from station 116+50 north to Queeny Ave., placing CA-6 gravel in and on the ACB mats to lock the mats into place, minor grading in the along the north portion of the site, and replacement of the chain link fence in the north portion of the site along Site G and along a portion of the Metro Property.

Equipment:

- Mustang Skid Steer- Standby.

URS

Materials:

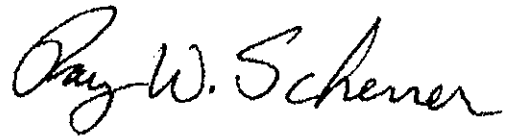
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Mike indicated that he intends to have an operator and two laborers onsite to begin work on Wednesday.
- Vandevanter onsite today to meet with R. Scherrer and to install the new Primary Riser submersible pump for the TSCA Cell and to install two new floats on the newly install 10 horse pump placed in Dead Creek near the Parks College.

R. Scherrer offsite at 7:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 70's.

Project No.: 21561992.00002
Report No.: 133
Date: Tue., October 7, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Onsite Personnel- Pangea had 1-Superintendent onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small 5 gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Mike Sheppard with Pangea continued mobilizing onsite today. Some minor construction activities have been planned for the next couple of weeks. Activities are to include grouting the ACB seams at the north end of the site from station 116+50 north to Queeny Ave., placing CA-6 gravel in and on the ACB mats to lock the mats into place, minor grading in the along the north portion of the site, and replacement of the chain link fence in the north portion of the site along Site G and along a portion of the Metro Property.

Equipment:

- Mustang Skid Steer- Standby.

URS

Materials:

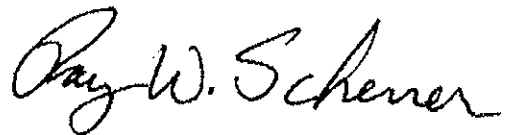
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Mike indicated that he intends to have an operator and two laborers onsite to begin work on Wednesday.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 70's.

Project No.: 21561992.00002
Report No.: 134
Date: Wed., October 8, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was General Safety and site familiarization.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and two laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small 5 gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Pangea began receiving and stockpiling CA-6 crushed limestone gravel at the north end of the site.
- Pangea used the skid steer to begin backfilling the ACB mat with CA-6 down the centerline or floor of the creek and up the side slopes to the location of the seams to be grouted. CA-6 was placed from Queeny Ave. southward to ~ station 116+50. The gravel was placed to a thickness of +/-1 inch and then track walked in by the skid steer.

URS

Equipment:

- Mustang Skid Steer- Used to place CA-6 backfill.

Materials:

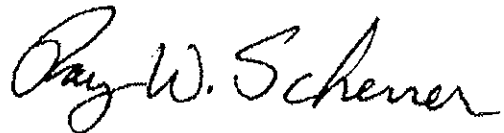
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered today for backfilling the ACB mat on the north end of the site.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- A Rep. from Bellville Fence Company was onsite this afternoon to measure and layout the proposed fencing locations so that a Utility locate can be performed.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 70's.

Project No.: 21561992.00002
Report No.: 135
Date: Thur., October 9, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was slips, trips and falls.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and two laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Pangea used the skid steer to continue backfilling the ACB mat with CA-6 down the centerline or floor of the creek and up the west side slopes. CA-6 was placed from Queeny Ave. southward to ~ station 116+50. The gravel was placed to a thickness of +/-1 inch and then track walked in by the skid steer.
- Laborers also cleaned out the ACB mat seam locations in preparation for grout placement to begin tomorrow.

Equipment:

- Mustang Skid Steer- Used to place CA-6 backfill.

URS

Materials:

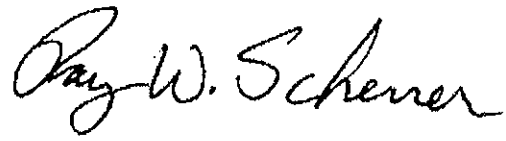
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea intends to have grout delivered tomorrow morning at ~9:00am to begin grouting the open ACB mat seams.

R. Scherrer offsite at 3:30pm for the day.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear High 70's to low 80's.

Project No.: 21561992.00002
Report No.: 136
Date: Fri., October 10, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was pinch points.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Laborers continued to clean out the ACB mat seam locations in preparation for grout placement. Grout placement began at about 9:00am and continued through the afternoon. The west ACB mat seam was grouted and the north slope along with the areas adjacent to the 36"dia culvert pipe.

Equipment:

- Mustang Skid Steer- Used to assist placement of grout and perform general site grading in preparation for replacement of the chain link fencing.

URS

Materials:

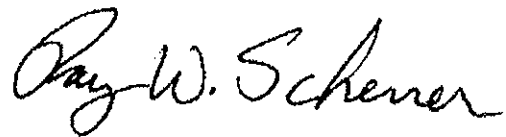
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea intends to complete grouting the open ACB mat seams on Monday.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 70's.

Project No.: 21561992.00002
Report No.: 137
Date: Mon., October 13, 2008

Progress of work:

Oversight Activities: R. Scherrer off site for the day.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Proper Lifting and Bending.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Pangea laborers continued to clean out the ACB mat seam locations in preparation for grout placement and completed grouting the east ACB mat seam.
- Additionally, Pangea cleaned up and rough graded the area above the 36"dia culvert and along Queeny Ave. in preparation to pour a concrete apron or over flow adjacent to the street inlet.

Equipment:

- Mustang Skid Steer- Used to assist placement of grout and perform general site grading in preparation for replacement of the chain link fencing.

URS

Materials:

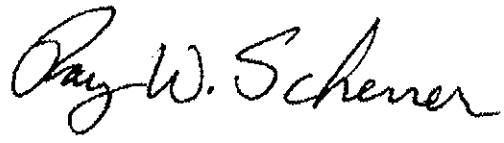

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Tomorrow, Pangea intends to completed placement of CA-6 gravel backfill in the ACB mat along the east slope from Queeny Ave. southward to station +/-116+50.

R. Scherrer offsite for the day.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 70's.

Project No.: 21561992.00002
Report No.: 138
Date: Tue., October 14, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Hand Injuries.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Pangea completed backfilling the ACB mat along the east slope with CA-6 from Queeny Ave. southward to +/- 116+50 then performed additional site grading in preparation to place chain link fencing.
- Pangea placed forms and wire mesh in preparation to pour the concrete overflow apron above the north slope adjacent to Queeny Ave. tomorrow morning.

Equipment:

- Mustang Skid Steer- Used to backfill ACB mat and perform general site grading in preparation for replacement of the chain link fencing.

URS

Materials:

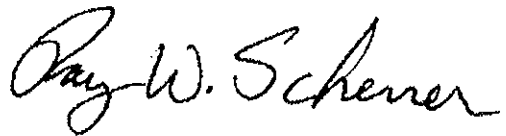
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Tomorrow, Pangea intends to pour the concrete overflow or apron above the 36" dia culvert. The crete will be placed adjacent to the Queeny Ave. inlet.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 70's with afternoon rain.

Project No.: 21561992.00002
Report No.: 139
Date: Wed., October 15, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Eye protection.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

- Pangea poured the concrete overflow apron above the north slope adjacent to Queeny Ave. this morning. Pangea used 12cyds of 4000psi concrete. The pour and finishing was completed by noon. Light rains began ~1:00pm.
- Pangea began cleaning up the site and demobilizing again until water in the containment area (station +/-103+00 south to Judith Lane) can be completely dewatered and treated

Equipment:

- Mustang Skid Steer- Used to assist with concrete placement, general site grading, and site clean up.

Materials:

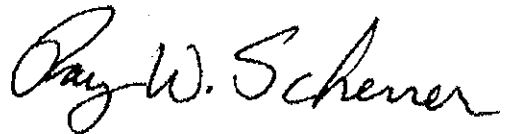
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea has demobilized this afternoon and intends return when the Creek Seg. B containment area is dewatered and treated.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 60's.

Project No.: 21561992.00002
Report No.: 140
Date: Mon., October 20, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

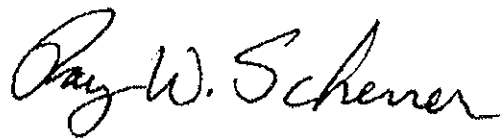

- Pangea remains off site until creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence was scheduled to begin replacing fencing in the north portion of the site today. R. Scherrer received a call from Rodney Chapman of Belleville Fence Co. indicating that his crew would not be able to start until tomorrow morning.
- Pangea's Subcontractor Grantham Trucking delivered 8 loads of Dupo clay today for use to complete re-grading of the side slopes on the remaining portion of Dead Creek Seg. B to be lined.

Notes and Discussions:

- R. Scherrer informed Mike Sheppard that Bellville Fence would not be onsite today as scheduled, and that 8 loads of clay were delivered onsite today by Grantham.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 60's.

Project No.: 21561992.00002
Report No.: 141
Date: Tue., October 21, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

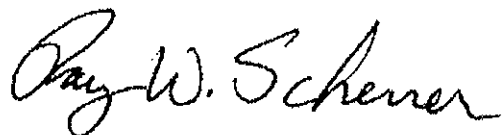
- Pangea remains off site until creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence mobilized onsite this morning and installed the fence posts and gate posts along the west side of north portion of the creek from +/- sta. 114+50 north to Queeny Ave. Belleville Fence intends to return onsite tomorrow to place posts along the east side of the creek from Queeny Ave. south to +/- sta. 116+25.
- Pangea's Subcontractor Grantham Trucking delivered 2 loads of Dupo clay today for use to complete re-grading of the side slopes on the remaining portion of Dead Creek Seg. B to be lined.

Notes and Discussions:

- R. Scherrer informed Mike Sheppard that Bellville Fence was onsite today and placed fence posts along the northwest portion of the site. Also informed Mike that Grantham did not show until late this afternoon and only delivered 2 loads of clay.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 60's.

Project No.: 21561992.00002
Report No.: 142
Date: Wed., October 22, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

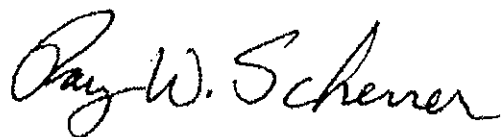
- Pangea remains off site until creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence returned onsite this morning and installed the fence posts and gate posts along the east side of north portion of the creek from Queeny Ave. to +/- sta. 116+25. Belleville Fence intends to return onsite next week to place chain link fencing.
- Pangea's Subcontractor Grantham Trucking did not deliver today.

Notes and Discussions:

- R. Scherrer informed Mike Sheppard that Bellville Fence was onsite today and placed fence posts along the northeast portion of the site. R. Scherrer informed Mike that Belleville Fence was not planning on installing the fence with three strands of barbed wire. The fence must be same type and quality as the fence that Pangea removed. Mike indicated that he would call Belleville Fence and correct the issue. Also informed Mike that Grantham did not show today.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 50's overcast rain showers.

Project No.: 21561992.00002
Report No.: 143
Date: Thur., October 23, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally the existing 3" submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe.

Ground Water Activities: A small +/-10gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to slowly pump and treat some of the ground water and lower the water level of the containment area.

Construction Activities:

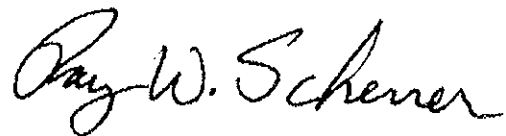
- Construction activities shut down today due to the rain.

Notes and Discussions:

- R. Scherrer informed Mike Sheppard that Bellville Fence intends to return onsite next week to install chain link fencing. Mike indicated that he had spoke with Grantham and that they would not be hauling the remainder of the week due to the rain and wet conditions at the borrow pit.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



AMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 40's.

Project No.: 21561992.00002
Report No.: 144
Date: Mon., November 24, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was PPE- mandatory hardhats, safety glasses, and work boots.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea's crew arrived onsite this morning and began becoming familiar with the site. The crew also went this morning to have blood work and screenings performed.
- Pangea then used the trackhoe to knock down and widen the temporary dam at station 103+00 to create a creek crossing for the equipment. Pangea utilized the trackhoe to relocate the temporary dam between Site M and the east bank of the creek further eastward onto Site M to allow equipment space to work along the east bank of the creek

URS

Equipment:

- Cat D4G XL Dozer- Mobilized onsite last Friday. On standby.
- Cat 953C Highlift - Mobilized onsite last Friday. On standby.
- Cat 325C Excavator- Mobilized onsite last Friday. On standby this morning. Used from ~11:00am to the end of the day to perform miscellaneous site preparation activities.
- IR SD-100D Sheep foot Roller Compactor- Mobilized onsite last Friday. On standby.

Materials:

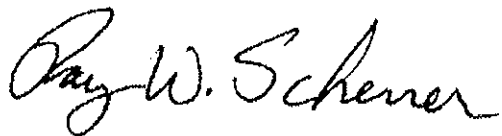
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- R. Scherrer and Pangea crew walked the site this morning and became familiar with the scope of work. After the crew returns from having blood screening performed, Pangea will begin preparation work (moving the dam along Site M, consolidating the material stockpiles).

R. Scherrer offsite at 3:30pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 40's.

Project No.: 21561992.00002
Report No.: 145
Date: Tue., November 25, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips, Trips and Falls.
- Onsite Personnel- Pangea had 1-Superintendent, 1 operator, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea began picking up and removing secondary dewatering hoses.
- Pangea used the high lift and track hoe to consolidate the clay stockpile and gravel stockpiles along the west side of the creek in preparation to construct and clear access points to the creek from the west side.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift - Used this morning to consolidate gravel stockpiles.
- Cat 325C Excavator- Used this morning to consolidate gravel stockpiles and clear access locations.
- IR SD-100D Sheep foot Roller Compactor- Demobilized today.
- Cat IT28G Front End Loader- Mobilized onsite today.

URS

Materials:

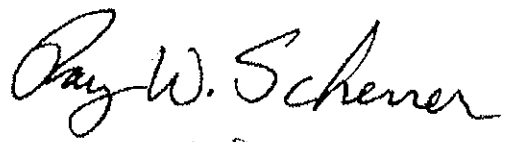
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Roach with Pangea discussed schedule and operations for the next couple of weeks. For the remainder of this week, Pangea will continue to clean up the site and prepare to begin grading activities next Monday. Pipe sleeves will be placed on the power cord to the pumps in three access locations along the west side of the creek. The rock check dam in front of the 48" dia pipe will be removed. And Pangea will complete construction of the temporary stormwater dam between Site M and the East side of the Creek.
- Mike suggested using 4 sets of timber mats in the bottom of the creek to support the 325 excavator while performing creek grading. R. Scherrer indicated Pangea may import mats with the understanding that the costs of the mats will be covered by Pangea and that the mats will have to be deconned and wipe tested for contaminants.
- Excavation and installation of the drainage system is scheduled to begin next Monday. Slope grading to follow. R. Scherrer informed Mike that he needs to have the spreader bar delivered for installation of the ACB mats and GSI needs to be scheduled for Monday the 8th of December. Mike indicated that he would contact both and check availability.

R. Scherrer offsite at 3:30pm for the day.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 40's.

Project No.: 21561992.00002
Report No.: 146
Date: Wed., November 26, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Cold weather.
- Onsite Personnel- Pangea had 1 operator, and 2 laborers onsite today. All offsite for the weekend at 12:00pm.
- Onsite Personnel- Pangea had 2 surveyors onsite. Partial day to survey top of slope from Station 103+00 southh to Judith Lane.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea completed construction of access locations along the west side of the creek.
- Pangea completed construction of the temporary stormwater control dam between Site M and the east side of the creek.
- Pangea used the track hoe to remove the gravel check dam from in front of the 48"dia culvert pipe in preparation for site grading to begin next Monday.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On Standby.
- Cat 325C Excavator- Used this morning to construct access locations, temporary stormwater dams, and removal of the gravel check dam.
- Cat 267B Skid steer- Mobilized this morning. Used briefly to perform general site grading.
- Cat IT28G Front End Loader- Mobilized onsite today.

URS

Materials:

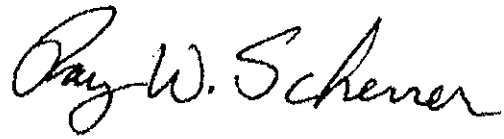

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Mike Roach with Pangea is offsite for the day.

R. Scherrer offsite at 3:30pm for the day.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 30's.

Project No.: 21561992.00002
Report No.: 147
Date: Mon., December 1, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Heavy Equipment Awareness.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the 325 track hoe and skid steer to continue removal of vegetation from the side slopes.
- Pangea used a mini trackhoe to assist a laborer with removing silt from the west concrete deadman in preparation for the liner crew to install the batten strips.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used to strip vegetation from the side slopes.
- Cat 267B Skid steer- Used off and on to assist with removal of vegetation.
- Cat IT28G Front End Loader- Used off and on to haul vegetation.
- Mini Excavator- Mobilized onsite today. Used to assist with removal of silt from the surface of the west concrete dead man

Materials:

1. Geosynthetics-

URS

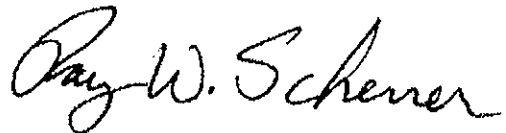
- Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
 3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
 4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
 5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
 6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
 7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed project schedule. Pangea intends to have a long stick excavator mobilized on Wednesday. GSI is planned for the week of the 8th. Mike will touch basis with GSI this Thursday the 4th. The spreader bar for placement of the ACB mat is planned to be delivered the 15th or 16th.
- The second operator arrived today and will have medical screening performed first thing tomorrow morning.

R. Scherrer offsite at 5:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 40's.

Project No.: 21561992.00002
Report No.: 148
Date: Tue., December 2, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Watch Your Back-Strains and Sprains.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used a mini trackhoe to assist a laborer with removing silt from the west concrete deadman and began cleaning off the east deadman in preparation for the liner crew to install the batten strips.
- Pangea's second operator arrived onsite at 11:00am after his medical screening and set up the 325 track hoe to begin excavating the creek bottom and installing the drainage system. The 6"dia socked drainage pipe was installed from the 48"dia culvert pipe northward to station 101+00.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used from 11:00am to 4+30 to excavate and install drainage system.
- Cat 267B Skid steer- Used off and on to assist with placement of drainage gravel.
- Cat IT28G Front End Loader- Used off and on to haul and place drainage gravel.
- Mini Excavator- Used to assist with removal of silt from the surface of the west and east concrete dead man. It was also used this afternoon to assist with placement of drainage gravel.

URS

Materials:

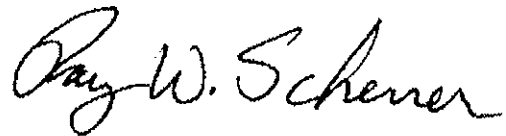
1. Geosynthetics-
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 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed delivery of the long stick. Mike anticipates that the track hoe will be mobilized onsite tomorrow morning.
- The second operator arrived onsite at 11:00am after attending medical screening.

R. Scherrer offsite at 5:00pm for the day.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Overcast 40's.

Project No.: 21561992.00002
Report No.: 149
Date: Wed., December 3, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was House Keeping.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 2 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used a mini track hoe to assist a laborer with removing silt from the east deadman in preparation for the liner crew to install the batten strips.
- Pangea set up to continue excavating the creek bottom and installing the drainage system. However the existing pump began silting up and having difficulty keeping up with the ground water. Pangea began setting up a temporary sump and an additional pump was ordered from Rain For Rent to assist dewatering.
- Pangea moved the 325 track hoe out of the creek excavation so that the Long stick track hoe could be used to remove the excavated materials from the creek bottom which were excavated by the 325 excavator yesterday. Excavated materials are being relayed northward behind the excavator as the drainage system is installed. The long reach track hoe arrived at ~12:00pm and began removing the previously excavated materials.

URS

- The Rain For Rent pump was delivered this afternoon but it did not operate correctly. Rain For Rent will deliver and install another pump tomorrow morning. In the mean time, the smaller pump will continue to be used to pump water to the water filtration system.
- Pangea used the Mini excavator to excavate the anchor trench along the south side of the creek near Judith Lane from the east concrete dead man westward.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used this morning to excavate and install drainage system.
- Cat 267B Skid steer- Used off and on to assist with placement of drainage gravel.
- Cat IT28G Front End Loader- On standby.
- Mini Excavator- Used to assist with removal of silt from the surface of the east concrete dead man and also to excavate a portion of the anchor trench along the south portion of the creek. Demobilized this afternoon.
- Long Stick Excavator- Mobilized onsite this afternoon. Used to excavate and remove creek bottom soils.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

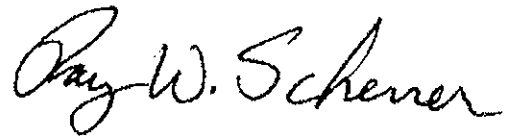
URS

Notes and Discussions:

- Pangea had difficulties with pumps today. Replacement pumps and backup pumps have been ordered and will be used tomorrow morning.
- R. Scherrer and Mike Roach discussed working on Saturday. To keep on schedule with GSI arriving next Monday, Pangea will have to work on Saturday to prepare subgrade for line placement.

R. Scherrer offsite at 5:00pm for the day.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive, flowing style.Handwritten initials "KMB" in black ink, located below the main signature.

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 30's.

Project No.: 21561992.00002
Report No.: 150
Date: Thur., December 4, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer arrive onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Cold Weather Work and Taking Breaks to Warm Up.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A 4" trash pump and a small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the long stick to continue to excavate the creek bottom in preparation to continue installation of the temporary drainage system from the 48" culvert pipe northward to +/-station 102+50. The long stick was also used to continue relaying previously excavated materials out of the creek bottom to a stockpile east of the creek.
- Pangea assisted Rain For Rent with construction of a temporary tent to be used to protect the treatment system from the cold weather.
- Rain For Rent returned onsite this afternoon to install the tent around the filter system. RFR left the site at ~7:00pm.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- On standby.
- Cat 267B Skid steer- Used off and on to assist with placement of drainage gravel and assisted with miscellaneous equipment handling.
- Cat IT28G Front End Loader- On standby.
- Long Stick Excavator- Used to excavate and remove creek bottom soils.

URS

Materials:

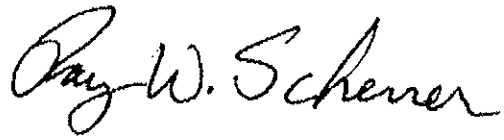
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea installed replacement pumps and backup pumps to dewater the creek.
- R. Scherrer and Mike Roach discussed working on Saturday. To keep on schedule with GSI arriving next Monday, Pangea will have to work on Saturday to prepare subgrade for liner placement. Pangea intends to have the temporary drainage system installed from the culvert pipe north to +/-Sta 102+50 by the end of the day tomorrow.
- Pangea ordered two torpedo heaters to heat the treatment system tent. They should be delivered tomorrow morning.
- R. Scherrer will be onsite throughout the night to maintain the treatment system and prevent it from freezing.

R. Scherrer offsite at 7:00pm returned onsite at 10:00pm.

Signed by:



Ray W. Scherrer

KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 30's.

Project No.: 21561992.00002
Report No.: 151
Date: Fri., December 5, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer remained onsite throughout the night.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Trench Safety.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A 4" trash pump and a small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the 325 excavator and the long stick to continue to excavating the creek bottom. Pangea installed the drainage system from the 48" culvert pipe northward to +/- station 102+50. Both excavators were used to relay excavated materials out of the creek bottom to a stockpile east of the creek.
- Rain For Rent returned onsite this afternoon to repair the back flush system.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used to excavate and install the drainage system.
- Cat 267B Skid steer- Used off and on to assist with placement of drainage gravel and assisted with miscellaneous equipment handling.
- Cat IT28G Front End Loader- On standby.
- Long Stick Excavator- Used to excavate and remove creek bottom soils.

Materials:

1. Geosynthetics-

URS

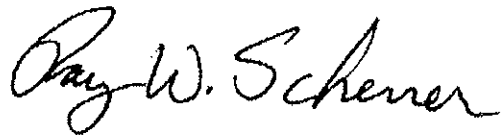
- Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
 3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
 4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
 5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 6 additional loads (127.70 tons) received today.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
 6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
 7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Two torpedo heaters are being used to heat the treatment system tent.

R. Scherrer offsite at 6:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear 30's.

Project No.: 21561992.00002
Report No.: 152
Date: Sat., December 6, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Electric Pumps and Electric Shock.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A 4" trash pump and a small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The 4" was shut down at the end of the day and a 3" electric was installed. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the 325 excavator and the long stick to complete excavating the creek bottom and install a sump at +/- station 102+50. Pangea installed the drainage system from the 48" culvert pipe northward to +/-station 102+50.
- Both excavators were used to begin dressing up the side slope in preparation for liner installation.

Equipment:

- Cat D4G XL Dozer- On standby.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used to excavate and install the drainage system.
- Cat 267B Skid steer- Used off and on to assist with placement of drainage gravel and assisted with miscellaneous equipment handling.
- Cat IT28G Front End Loader- On standby.
- Long Stick Excavator- Used to excavate and remove creek bottom soils.

URS

Materials:

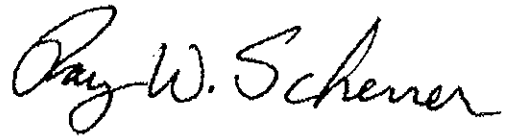
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- R. Scherrer and one Laborer will return onsite tomorrow to refuel the heaters and secure the tents around the treatment system as needed.

R. Scherrer offsite at 5:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 30's.

Project No.: 21561992.00002
Report No.: 153
Date: Sun., December 7, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am.

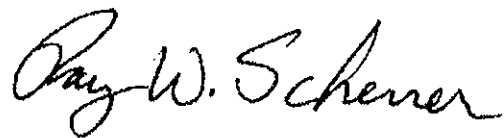
Construction Activities:

- R. Scherrer and a Laborer returned onsite this morning at 7:00am to refuel the torpedo heaters and re-secure the tents around the water treatment system.
- R. Scherrer and a Laborer returned onsite this evening at 4:30pm to refuel the torpedo heaters and re-secure the tents around the water treatment system.

Notes and Discussions:

- The treatment system was running during both site visits today. Nothing was observed to be frozen. Some minor wind damage to the tents was observed.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 30's.

Project No.: 21561992.00002
Report No.: 154
Date: Mon., December 8, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Eye Safety.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A 3" electric submersible pump and a small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the 325 excavator and the long stick excavator to continue finish grading and dressing up the side slopes in preparation for liner installation.
- Pangea excavated around the 48"dia pipe culvert and exposed approximately 3' of the pipe in preparation for GSI to install the pipe boot around the pipe.
- Pangea installed a new sump just south of the location where the 1st sump was installed. This sump was installed a couple of feet deeper to allow water to be drawn down below final creek grade.

Equipment:

- Cat D4G XL Dozer- Demobilized.
- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used to excavate and dress up side slopes.
- Cat 267B Skid steer- Assisted with miscellaneous equipment handling. Demobilized.
- Cat IT28G Front End Loader- On standby.
- Long Stick Excavator- Used to excavate and remove creek bottom soils.

Materials:

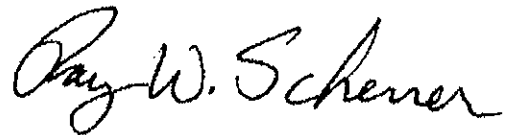
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.

R. Scherrer offsite at 5:00pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Overcast Lt. Rain 30's to low 40's. Received 0.4 inches of rain.

Project No.: 21561992.00002

Report No.: 155

Date: Tue., December 9, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am. Due to weather conditions, Pangea had a small crew onsite to check pumps and pump water.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Hand Safety and Pinch Points.
- Onsite Personnel- Pangea had 1 operator, and 1 laborer onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: A 3" electric submersible pump and a small +/-25gpm submersible pump is being utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a 21,000 gallon frac tank and then pumped and treated by a Rain For Rent water filtration system. A sand boil developed beneath the sump and the pumps filled the water lines with fine sand. Additionally, some sand was pumped into the frac tank sealing off the filter system.

Construction Activities:

- Pumps were shut off and Pangea recovered one pump from the sump. The smaller pump will have to be excavated out. Pangea worked on clearing water lines and pumping water to the frac tanks.

Equipment:

- Cat 953C Highlift – On standby.
- Cat 325C Excavator- Used to excavate and recover the dewatering pump.
- Cat IT28G Front End Loader- On standby.
- Long Stick Excavator- On Standby.

URS

Materials:

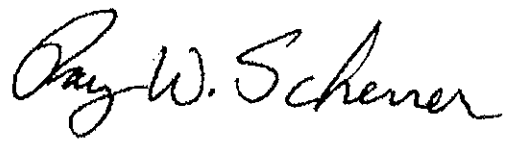

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.

R. Scherrer offsite at 4:00pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 30's.

Project No.: 21561992.00002
Report No.: 156
Date: Wed., December 10, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 5:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Handling Materials Correctly.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities were shut down this morning to allow Rain For Rent time to unplug the treatment system and install additional tanks. The sand filter was plugged with fine sand from the creek. Rain For Rent removed and replaced the sand and gravel filter media with new materials. The 3" electric submersible pump was then turned back on late this afternoon. The pump was utilized in the area between station 103+00 south to Judith Lane to pump and treat the ground water and lower the water level of the containment area. The ground water is being pumped into a weir tank to drop out the sand and then into 3 additional 21,000 gallon frac tanks. The water then is pumped and treated by a Rain For Rent water filtration system.

Construction Activities:

- Pangea used the long stick to continue slope grading, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to begin cleaning off the silt and gravel from the geotextile at the proposed tie in location near station +/-103+00.
- Pangea utilized the highlift and front end loader to relocate the stockpile of imported 2" clean gravel and imported clay from the west side of the creek along the portion to be lined in preparation for liner deployment.

URS

Equipment:

- Cat 953C Highlift – Used for part of the day to relocate the import clay stock pile to the east side of the creek in preparation to be used a backfill for the anchor trench and the Towler property.
- Cat 325C Excavator- Used to excavate and dress up side slopes.
- Cat IT28G Front End Loader- Used to relocate the 2" clean stockpile pile of gravel from the parking area to the material staging area north of the front gate.
- Long Stick Excavator- Used to excavate and remove creek bottom soils, finish grade, and clean off geotextile at the tie in location.

Materials:

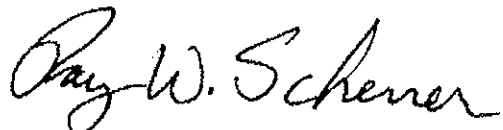
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- The ground water treatment system now consists of 3 frac tanks, 1 weir tank, 2 carbon filters, sand/gravel filter, dual 5 micron bag filter, and a 50 hp pump. The system is operating at +/- 70gpm.

R. Scherrer offsite at 4:00pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 30's to low 40's.

Project No.: 21561992.00002
Report No.: 157
Date: Thur., December 11, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 4:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Job Related Stress.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 3 laborers onsite today.

Stormwater Pollution Prevention Activities: One submersible electric pump is being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane. Additionally, the existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' also continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities were shut down this morning to allow the Rain For Rent treatment system to catch up to the water stored in the tanks. Note: the system is operating at +/-70gpm and having a hard time keeping up with the incoming water quantities. Rain For Rent has been called to check out the sand filter system.

Construction Activities:

- Pangea used the long stick to continue slope grading, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to continue to clean off the silt and gravel from the geotextile at the proposed tie in location near station +/-103+00.
- Pangea deconned and demobilized the 325 track hoe and the 953 highlift.

Equipment:

- Cat 953C Highlift – Demobilized.
- Cat 325C Excavator- Demobilized.
- Mini Excavator- Mobilized onsite.
- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to excavate and remove creek bottom soils, finish grade, and clean off geotextile at the tie in location.

URS

Materials:

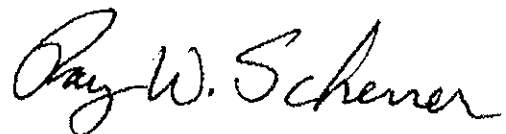
1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- The ground water treatment system now consists of 3 frac tanks, 1 weir tank, 2 carbon filters, sand/gravel filter, dual 5 micron bag filter, and a 50 hp pump. The system is operating at +/- 70gpm.
- R. Scherrer and Mike Roach discussed the labor force and working this weekend. Light plants are being ordered for delivery tomorrow to be used this weekend. Due to the weather forecast it is anticipated that we will have to work into the evening on Saturday and then during the day on Sunday to deploy as much liner as possible before the winter storm hits. Laborers are scheduled to arrive tomorrow and attend the medical screening.
- Additional bedding gravel is ordered for tomorrow to assure a sufficient stockpile of rock to be placed as soon as the liner is installed.
- R. Scherrer and Richard Williams are discussing options for storage of the ground water for surge conditions.

R. Scherrer offsite at 4:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 30's to low 40's.

Project No.: 21561992.00002
Report No.: 158
Date: Fri., December 12, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 5:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Heavy Equipment and Operator Awareness.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 10 laborers onsite today.

Stormwater Pollution Prevention Activities: The submersible electric pump being utilized to pump storm water from station +/-103+00 pass the remaining portion of the creek to be lined and to the south side of Judith Lane was shut down today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea constructed a temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Rain For Rent returned on site this morning and removed and replaced the sand and gravel filter media with new materials. The Rain For Rent treatment system then returned to full operation capacity.

Construction Activities:

- Pangea continued to use the long stick to grade slopes, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to continue to clean off the bulk silt and gravel from the geotextile at the proposed tie in location near station +/-103+00. Laborers and hand shovels were used to clean off the remainder of the materials.
- Ground water and sand boils continue to show along the east toe of slope. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Several large boils developed along the east slope at +/- station 102+00 to 102+50. Pangea removed the failed portion of the slope and placed layers of riprap/drainage gravel/ and mirafi fabric to contain the flowing sands. A clay cap was then placed and track in above the layers in preparation for the liner subgrade.
- Pangea placed two layers of 16oz. geotextile above the drainage gravel in the bottom of the creek from the Judith Lane culvert pipe to +/-station 101+50 in preparation for the liner crew to begin deployment of liner tomorrow morning.

URS

Equipment:

- Mini Excavator- Used to excavate anchor trench as needed.
- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to excavate and remove creek bottom soils, finish grade, and clean off geotextile at the tie in location.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 17 loads (346.75 tons) of bedding gravel delivered today.
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered today.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force and working this weekend. Light plants are set up to be used for night work on Saturday and Sunday.
- Additional bedding gravel was delivered and stockpiled to be placed above the geotextile as it is installed and completed.
- R. Scherrer and Richard Williams continue to discuss the site conditions and options for storage of the ground water for surge conditions. Currently a temporary dam has been constructed near station 105+00 so that water can be temporarily pumped and stored in the north portion of the creek.

URS

- R. Scherrer and Mike Roach discussed cleaning out the silt that had built up in the 1st storage tank. R. Scherrer informed Mike to get a four gas meter and set to perform a Confined Space Entry per Pangea's Health and Safety Plan. Pangea had Odesco Industrial Services on site late this morning with a SuperVac truck to vacuum out the sand and silt in the 1st frac tank. Approximately 1 to 1.5' of fine sand and silt was across the bottom of the tank. Three Pangea laborers were used to vacuum the inside of the tank out. Pangea was able to clean out approximately 95% of the tank floor. Pangea used a four gas meter to monitor atmosphere conditions in the tank. Atmospheric conditions were acceptable during the entire cleaning. A safety harness with retrieval rope was utilized on the labor and a spotter was present at all times.

R. Scherrer offsite at 7:00pm.

Signed by:

Ray W. Scherrer
HMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy mid 30's to low 40's.

Project No.: 21561992.00002
Report No.: 159
Date: Sat., December 13, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 5:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips, Trips, and Falls- due to steep slopes, wet site conditions, and slippery liner materials.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 10 laborers onsite today.
- Pangea's Sub-GSI Personnel- 1 superintendent, 1 QC Tech, and 6 welding technicians.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities.

Construction Activities:

- Pangea continued to use the long stick to grade and stabilize slopes, and to remove the remainder of the temporary dam at station +/-103+00. Materials excavated from the temporary dam were stockpiled on the east side of the creek for later use as site grading materials.
- Ground water and sand boils continue to show along the east toe of slope mainly occurring between stations 102+00 to 103+00. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Pangea continued to excavate anchor trench as needed.
- Pangea/GSI began deploying geotextiles this morning. GSI deployed 8oz geotextile and 60mil HDPE geomembrane from the Judith Lane culvert pipe northward to approximately 102+00. GSI used sewing machines to seam the geotextile and a fusion welder to seam the

URS

60mil HDPE. Quality Control testing was performed by GSI as the materials were deployed and installed.

- Pangea re-cleaned the surface of the concrete dead man (west and east sides) so that GSI could begin installation of the batten strips.

Equipment:

- Mini Excavator- Used to excavate anchor trench as needed.
- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to excavate and remove creek bottom soils, finish grade, and clean off geotextile at the tie in location. Assist with setting up pumps in the creek and dewatering activities.
- All Terrain Lull/Forklift- Used for liner deployment.

Materials:

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force tonight and tomorrow. Light plants are set up and will be used tonight to continue liner installation as long as possible.

R. Scherrer offsite at 9:30pm.

Signed by:

Ray W. Scherrer
RWS

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy mid 30's to low 50's. Windy. Rain began at ~8:30pm.

Project No.: 21561992.00002

Report No.: 160

Date: Sun., December 14, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Wind gusts and handling liner scraps.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators, and 10 laborers onsite today.
- Pangea's Sub-GSI Personnel- 1 superintendent, 1 QC Tech, and 6 welding technicians.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Pangea use the long stick to complete grading of the west side slope at station 103+00. Laborers hand cleaned the gravel from the existing liner in preparation for GSI to perform the tie in weld.
- Ground water and sand boils continue to show along the east toe of slope mainly occurring between stations 102+00 to 103+00. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Pangea continued to excavate anchor trench as needed.
- Pangea/GSI continued deploying geosynthetics this afternoon. GSI deployed 8oz geotextile and 60mil HDPE geomembrane from approximately 102+00 to approximately station 102+75. GSI used sewing machines to seam the geotextile and a fusion welder to seam the 60mil HDPE. GSI also began continued detail work on installed portions of

URS

geomembrane. Quality Control testing was performed by GSI as the materials were deployed and installed.

- GSI installed batten strips in the west and east anchor trenches in the locations to receive ACB mat.

Equipment:

- Mini Excavator- Used to excavate anchor trench as needed.
- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to excavate and remove creek bottom soils, finish grade, and clean off geotextile at the tie in location. Assist with setting up pumps in the creek and dewatering activities.
- All Terrain Lull/Forklift- Used for liner deployment.

Materials:

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

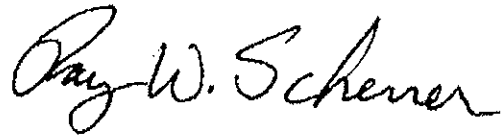
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Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force tonight and tomorrow. Rain and freezing rain began at ~8:30pm shutting down work activities for the evening. Conditions will re-evaluated tomorrow upon arrival.

R. Scherrer offsite at 9:30pm.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherrer". The signature is written in a cursive style with a large, stylized 'R' and 'S'.Handwritten initials "KMB" in black ink, located below the signature.

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy rain/sleet/snow mix. Less than ½ inch of accumulation.

Project No.: 21561992.00002

Report No.: 161

Date: Mon., December 15, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Ice Conditions. Due to site/ weather conditions a small crew was onsite to pump storm water and ground water.
- Onsite Personnel- Pangea had 1 operator and 2 laborers onsite today. Plus 1 laborer onsite for half of the day.
- Pangea's Sub-GSI Personnel were on standby for the day.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water.

Equipment:

- Mini Excavator- Stand By.
- Cat IT28G Front End Loader- Stand By.
- Long Stick Excavator- Used to assist with placement of the dewatering pump.
- All Terrain Lull/Forklift- Stand By.

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Materials:

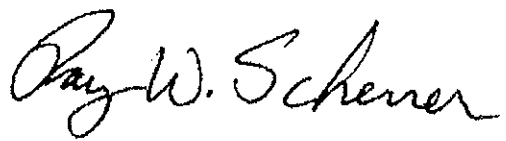

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force. Rain and freezing continued off/on throughout the day. The liner is cover with ice and the forecast is for cold temperatures for the next several days. R. Scherrer informed Mike that GSI will not be able to work on the side slopes as long as the ice is present.

R. Scherrer offsite at 5:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's.

Project No.: 21561992.00002
Report No.: 162
Date: Tues., December 16, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Cold Stress. Due to site/ weather conditions a small crew was onsite to pump storm water and ground water.
- Onsite Personnel- Pangea had 1 operator and 2 laborers onsite today. Plus 1 laborer onsite for the night shift to maintain dewatering.
- Pangea's Sub-GSI Personnel were on standby for the day.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.

Equipment:

- Mini Excavator- Stand By.
- Cat IT28G Front End Loader- Used off/On to assist with dewatering activities.
- Long Stick Excavator- Stand By.
- All Terrain Lull/Forklift- Stand By.

URS

Materials:

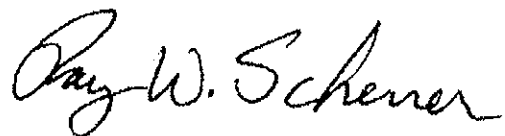
1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force. The site remains covered with ice and snow. The liner is cover with ice and the forecast is for cold temperatures for the next couple of days with a break in the weather on Friday and Saturday. We anticipate fully dewatering the creek bottom on Friday morning and then completing the installation of the liner system through the day Friday. Bedding gravel has also been staged near the creek so that Pangea can begin placement immediately after the textile is installed.
- R. Scherrer requested that Pangea have a laborer onsite for night shift to continue dewatering activities and keep the water in the dewatering lines from freezing.

R. Scherrer offsite at 5:00pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's.

Project No.: 21561992.00002
Report No.: 163
Date: Wed., December 17, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Power Tools Safety and power Cords.
- Onsite Personnel- Pangea had 1 superintendent, 2 operator and 3 laborers onsite today. Plus 1 laborer onsite for the night shift to maintain dewatering.
- Pangea's Sub-GSI Personnel were on standby for the day.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.
- Pangea used the water from the creek to wash the ice off the liner along the creek slopes.
- Pangea also moved the bedding gravel from the onsite staging area to locations near the creek where the long reach track hoe will be able to reach and place the gravel into the bottom of the creek after the liner and geotextile is completed.

URS

Equipment:

- Mini Excavator- Stand By.
- Cat IT28G Front End Loader- Used to re stage the bedding gravel.
- Long Stick Excavator- Stand By.
- All Terrain Lull/Forklift- Stand By.

Materials:

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

URS

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force. The forecast for tomorrow is warmer but a cold front with freezing rain is expected to hit through mid day and into the evening. We plan to have a storm water pumping crew onsite tomorrow and then bring in a full crew on Friday morning to complete the liner installation. Weather on Friday is forecasted to be partly cloudy, low wind conditions, and warmer in the mid 40's.
- R. Scherrer requested that Pangea have a laborer onsite for night shift to continue dewatering activities and keep the water in the dewatering lines from freezing.

R. Scherrer offsite at 4:30pm.

Signed by:

Ray W. Scherrer
KMS

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 20's to low 30's. Freezing rain began this afternoon and into the night.

Project No.: 21561992.00002

Report No.: 164

Date: Thur., December 18, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:15am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Cuts and Burns.
- Onsite Personnel- Pangea had 1 superintendent, 2 operator and 3 laborers onsite today. Plus 1 laborer onsite for the night shift to maintain dewatering.
- Pangea's Sub-GSI Personnel were on standby for the day.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.
- Pangea used the water from the creek to wash the ice of the liner along the creek slopes.
- Pangea also moved and consolidated excavated clay piles for future use as site grading.

Equipment:

- Mini Excavator- Stand By.
- Cat IT28G Front End Loader- Used to consolidate clay stockpiles.
- Long Stick Excavator- Stand By.
- All Terrain Lull/Forklift- Stand By.

Materials:

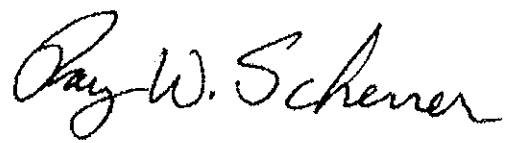

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (85.35 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.
- R. Scherrer and Mike Roach continue to monitor the weather forecast and discuss the labor force. The forecast for Friday still appears to be acceptable to continue and complete the liner installation.
- R. Scherrer requested that Pangea have a laborer onsite for night shift to continue dewatering activities and keep the water in the dewatering lines from freezing.

R. Scherrer offsite at 4:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 40's to low 50's. Falling temperatures throughout the day. The site received 0.9 inches of rain overnight.

Project No.: 21561992.00002

Report No.: 165

Date: Fri., December 19, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips, Trips, Falls, and powered Electrical Cords.
- Onsite Personnel- Pangea had 1 superintendent, 3 operators and 8 laborers onsite today.
- Onsite Personnel- Pangea had 1 Operator and 1 Laborer onsite for night shift.
- Pangea's Sub-GSI Personnel had 1 superintendent, 1 QC Tech., and 5 Welding Technicians on site today.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Due to the rains received last night, the area north of the temporary dam at station +/- 105+00 has filled with water. Pangea used the long reach track hoe and CA-6 gravel to increase the height of the dam again. Water that bleeds through the dam is being captured by an electric pump and sent to the waste water treatment system. Pangea is using 2- 4" gas pump to dewater beneath the in-place liner so the GSI can complete the final welds and installation.
- GSI completed installation of the batten strips in the west and east anchor trenches while waiting for the water from beneath the liner to be dewatered.
- GSI completed detail work and testing on the installed portion of the geomembrane. Then GSI began deployment of the top two layers of 16 oz geotextile. GSI placed two layers of geotextile from the culvert pipe northward to +/- station 102+00.
- As GSI completed installation of the two layers of 16oz geotextile; Pangea began placement of bedding gravel in the bottom of the creek. Pangea placed approximately 1.5 feet of gravel across the bottom of the creek.

URS

- R. Scherrer and Mike discussed backfilling a portion of the anchor trench to anchor the liner and prevent pull out with the wind conditions and water conditions. Mike indicated that most of the onsite fill materials appeared to wet for placement. R. Scherrer recommended that Pangea use CA-6 to anchor down the liner in the event the onsite fill materials were to wet for compaction.

Equipment:

- Mini Excavator- Demobilized Today.
- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to construct temporary dam, assist with dewatering activities, and placement of bedding gravel.
- All Terrain Lull/Forklift- Used to deploy geosynthetic materials.

Materials:

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00
 - 4 loads (95.40 tons) delivered today for increasing the height of the temporary dam and to backfill anchor trench.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

URS

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.

R. Scherrer offsite at 10:30pm.

Signed by:

Ray W. Scherrer
RMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 30's.

Project No.: 21561992.00002
Report No.: 166
Date: Sat., December 20, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Eye Protection.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators and 8 laborers onsite today.
- Pangea's Sub-GSI Personnel had 1 superintendent, 1 QC Tech., and 5 Welding Technicians on site today.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. Pangea pumped surge water north of the temporary dam up stream at ~ station 105+00. The area north of the temporary dam will act as temporary ground water storage while the filtration system catches up with pumping activities. Pangea continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

- Water that bleeds through the temporary dam at station +/-105+00 continues to be captured by an electric pump and sent to the waste water treatment system. Pangea is using 2- 4" gas pump to dewater beneath the in-place liner so the GSI can complete the final welds and installation.
- GSI completed installation of the 8oz geotextile, 60 mil geomembrane, performed testing, detail work and then completed deployment of the two layers of 16oz geotextile.
- As GSI completed installation of the two layers of 16oz geotextile; Pangea continued placement of bedding gravel in the bottom of the creek. Pangea place approximately 1.5 feet of gravel across the bottom of the creek. Pangea also began placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward.
- Pangea continued to backfill the anchor trench along the west side of Creek Seg. B. Pangea placed +/-8 inch lifts of CA-6 and compacted each lift with jumping jacks to a dense to very dense condition.

Equipment:

URS

- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to assist with dewatering activities, and placement of bedding gravel.
- All Terrain Lull/Forklift- Used to deploy geosynthetic materials.

Materials:

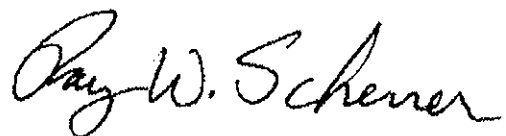
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 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea continues to refuel the heaters each morning and evening to prevent the system from freezing.

R. Scherrer offsite at 10:00pm.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy teens to low 20's.

Project No.: 21561992.00002
Report No.: 167
Date: Sun., December 21, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping activities continued. An electric pump continues to pump ground water from +/- station 102+50 to the treatment system.

Construction Activities:

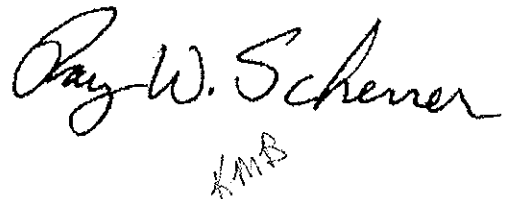
- Water that bleeds through the temporary dam at station +/-105+00 continues to be captured by an electric pump and sent to the waste water treatment system.
- R. Scherrer returned onsite 2 times today. Once this morning and once this afternoon to refuel the heaters and check the treatment system. Rain For Rent filtration system was observed to be operating at +/- 150gpm.

Notes and Discussions:

- R. Scherrer refueled heaters this morning and evening to prevent the system from freezing. Note: The majority of the ground water north of the temporary dam at Station 105+00 has been treated. Approximately 1.5 feet of water behind the dam was observed this evening upon R. Scherrer's departure. The temperature is forecasted to be at 0 degrees tonight and singles to teens tomorrow.

R. Scherrer offsite at 6:00pm.

Signed by:



Ray W. Scherrer
KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy single digit to low 20's.

Project No.: 21561992.00002
Report No.: 168
Date: Mon., December 22, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Ice and Cold Weather Work.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators and 4 laborers onsite today.
- Pangea's Sub-GSI Personnel picked up their materials hauling trailer Sunday and demobilized.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: The majority of the ground water treatment has been completed. Approximately 1' of water sets behind the temporary dam at station 105+00 and tapers down to nothing the further north toward the Queeny Ave. culvert. The Rain For Rent filtration system froze overnight due to the wind chill and freezing conditions. Water pumping activities were limited to attempting to pump a small amount of water from the area to receive ACB mat to the area north of the temporary dam. However, due to the freezing temperatures and ice, pumping was very limited.

Construction Activities:

- Due to the freezing temperatures and ice, pumping activities and construction activities were very limited. Pangea was unable to begin grading the bedding gravel in preparation for placement of the ACB mat, but was able to continue placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward to approximately station 103+00.

Equipment:

- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to assist with dewatering activities, and placement of bedding gravel.
- All Terrain Lull/Forklift- Demobilized.

URS

Materials:

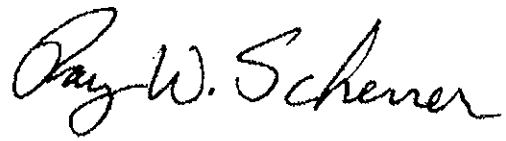

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- The site is frozen throughout construction activities are very limited. Pangea intends to import additional bedding stone and CA-6 tomorrow.

R. Scherrer offsite at 4:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to 30's.

Project No.: 21561992.00002
Report No.: 169
Date: Tue., December 23, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was House Keeping.
- Onsite Personnel- Pangea had 1 superintendent, 2 operators and 5 laborers onsite today.
- Note: Several of Pangea's laborers that were used to assist Pangea's Sub-GSI went to have their exit medical exams.

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: The majority of the ground water treatment has been completed. Approximately 1' of water sets behind the temporary dam at station 105+00 and tapers down to nothing the further north toward the Queeny Ave. culvert. The Rain For Rent filtration system remains frozen due to the cold persistent temperatures. Water pumping activities were limited to attempting to pump a small amount of water from the area to receive ACB mat to the area north of the temporary dam. However, due to the freezing temperatures and ice, pumping was very limited.

Construction Activities:

- Same as yesterday, due to the freezing temperatures and ice, pumping activities and construction activities were very limited. Pangea was unable to continue grading the bedding gravel in preparation for placement of the ACB mat, but was able to continue placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward to approximately station 103+00.
- Pangea stockpile additional bedding gravel and some CA-6 for backfilling of anchor trench along the east side of the creek channel.

Equipment:

- Cat IT28G Front End Loader- Assisted with material handling.
- Long Stick Excavator- Used to assist with dewatering activities, and placement of bedding gravel.

URS

Materials:

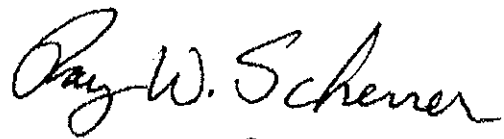
1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
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 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- The site is frozen throughout construction activities are very limited. Pangea does not intend to work tomorrow due to site conditions.

R. Scherrer offsite at 4:30pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to 30's.

Project No.: 21561992.00002
Report No.: 170
Date: Wed., December 24, 2008

Progress of work:

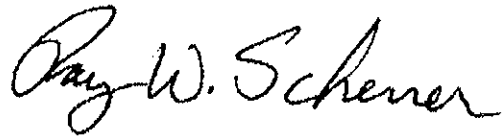
Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Construction Activities:

- Construction activities were shut down for the day due to weather and site conditions.
- Work is anticipated to resume next Monday after the Christmas Holiday.

R. Scherrer offsite at 3:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 40's. The site received 1.4" of rain throughout the evening Friday and through Saturday.

Project No.: 21561992.00002

Report No.: 171

Date: Sun., December 28, 2008

Progress of work:

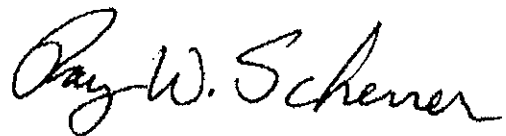
Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am.

Construction Activities:

- R. Scherrer onsite to evaluate site conditions. Dead Creek Seg. B is full of storm water from the north end to the south end. The water level is at the top of the culvert pipes at both ends. R. Scherrer called Richard Williams and Mike Roach to discuss work activities for the upcoming week. Due to the extremely wet site conditions, construction activities will be shut down for Monday with the anticipation of pumping water on Tuesday. R. Scherrer will be onsite Monday morning to re-evaluate the site conditions.

R. Scherrer offsite at 10:00am.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Clear high 40's.

Project No.: 21561992.00002
Report No.: 172
Date: Mon., December 29, 2008

Progress of work:

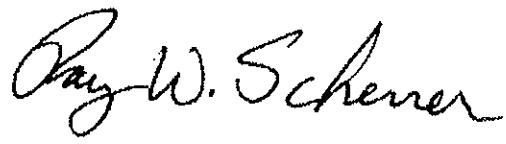
Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Construction Activities:

- R. Scherrer onsite to evaluate site conditions. Dead Creek Seg. B is full of storm water from the north end to the south end. After discussing the quantity of storm water onsite with Richard Williams and Solutia Representatives, the decision to have the contained storm water tested prior to pumping it around the work zone was made. Mike Miller with URS was requested onsite late this morning to collect water samples. The samples were collected and then sent to TEKLAB, INC. to be tested for VOC, SVOC, Herbicides, and Pesticides. Samples results are expected by late tomorrow afternoon. If results are acceptable then the water will be pumped around the work area as it was before the liner was installed and completed. Ground water is now separated from the storm water entering Dead Creek Seg. B. by the liner. Therefore the storm water should be acceptable to pass through the site as final construction (placement of bedding gravel, riprap, and ACB mat) is completed. These conditions will be evaluated when test results are received.

R. Scherrer offsite at 3:30pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 50's.

Project No.: 21561992.00002
Report No.: 173
Date: Tue., December 30, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was, Fire Extinguishers, and a discussion on Pinch Points, Slippery Hand Tools, Thick Mud, and Current Site Conditions.
- Onsite Personnel- Pangea had 1 operators and 3 laborers onsite today. (Operator onsite today, Dan Moore acting as Superintendent for Pangea).

Stormwater Pollution Prevention Activities: The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping and treatment activities have been completed pending the results of the water sample taken yesterday afternoon.

Construction Activities:

- The laborers were used today to open the three water storage tanks and the one weir tank. The weir tank contains some silt and fine sand in the front two bays and will have to be cleaned out by using the vacuum truck. The three storage tanks were all opened and thoroughly cleaned out by using a fire hose through the side entry doors. No one was required to enter the tanks and a confined space entry was not needed. Drain plugs were opened on the water filtration system to prevent refreezing and prepare the system for demobilization.
- Test results for the contained storm water (from Queeny Ave to Judith Lane) sample collected yesterday were received this evening. URS and Richard Williams reviewed the results. Test results were acceptable and pumping of the storm water passed the work zone and to the south side of Judith Lane will resume as it was before the area north of the work zone (area north of +/- station 105+00) was used as a temporary ground water storage area.

Equipment:

- Cat IT28G Front End Loader- Stand By.
- Long Stick Excavator- Stand By.
- High Lift- Mobilized onsite yesterday. Stand By.
- Skid Steer- Mobilized onsite yesterday. Stand By. And being repaired.

URS

Materials:

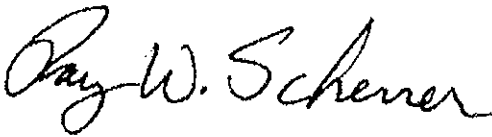

1. Geosynthetics- Square footage of installed materials will be up dated when received from GSI.
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Richard Williams discussed storm water sample test results. Test results were acceptable and water will be discharged from the site tomorrow.
- R. Scherrer called and informed Mike w/ Pangea that storm water pumping may resume tomorrow. Mike intends to have storm water pumping crew onsite first thing tomorrow morning.
- R. Scherrer and Mike also discussed having a vacuum truck onsite tomorrow if available to clean out the weir tank.

R. Scherrer offsite at 4:00pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 30's.

Project No.: 21561992.00002
Report No.: 174
Date: Wed., December 31, 2008

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was General Site Safety.
- Onsite Personnel- Pangea had 1 operators and 4 laborers onsite today. (Operator onsite today, Dan Moore acting as Superintendent for Pangea).

Stormwater Pollution Prevention And Pumping Activities: Pangea reconnected and restarted a 3" electric dewatering pump, and set up two 4" gasoline dewatering pumps to begin dewatering Dead Creek Seg. B so that construction activities that were placed on stand by due to the weather conditions and rain can resume. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping and treatment activities have been completed.

Construction Activities:

- Laborers set up pumps to dewater storm water from Dead Creek Seg. B. One electric pump and two gas pumps were used to dewater the creek today. The laborers also set up an addition pipe line so that a third gas pump may be used on Friday when we return from the New Years Day Holiday.
- A couple of laborers were used part of the day to continue disassembly of the water filtration system and set the system up for demobilization.

Equipment:

- Cat IT28G Front End Loader- Stand By.
- Long Stick Excavator- Used off and on to set up pumps and assist dewatering.
- High Lift- Stand By.
- Skid Steer- Stand By.

Materials:

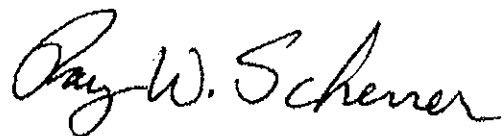
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3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Vacuum truck was not available for today. Mike plans to have the vacuum truck onsite this Friday to clean out the weir tank.
- A hard copy of the 60 mil HDPE Destructive Test results was received today for DS-2, DS-3, and DS-4. All test results were acceptable.

R. Scherrer offsite at 4:00pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 40's.

Project No.: 21561992.00002
Report No.: 175
Date: Fri., January 2, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Fall Prevention.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea set up three 4" gasoline dewatering pumps to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Ground Water Activities: Ground water pumping and treatment activities have been completed.

Construction Activities:

- Pangea used 3-4" gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the long reach track and laborers to finish grade the bedding gravel from station 100+60 to station 101+40 in preparation for placement of the ACB mat.
- The Odesco Vacuum truck arrive onsite at ~8:00am and was used to remove sediments from the weir tank. Pangea was able to remove the sediments and clean the tank approximately 95%. Some frozen debris remains and will be hand cleaned out prior to demobilization.

Equipment:

- Cat IT28G Front End Loader- Used to assist with materials handling.
- Long Stick Excavator- Used off and on to set up pumps and assist dewatering grading bedding gravel.
- High Lift- Stand By.
- Skid Steer- Stand By.

URS

Materials:

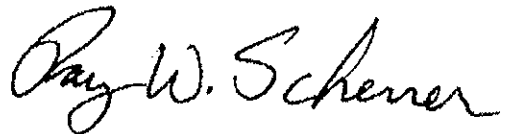

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike discussed forecasted weather and plans to have the crane onsite tomorrow to install the ACB mats. Temperatures are forecasted to be in the 50's and the bedding gravel is graded and ready to receive the ACB mat. Mike intends to have the crane onsite first thing tomorrow morning to set up and begin installation of the ACB mats.

R. Scherrer offsite at 4:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 40's.

Project No.: 21561992.00002
Report No.: 176
Date: Sat., January 3, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Rigging and PPE.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.
- Onsite Personnel- Pangea's Sub- Bollmeir Crane 1 operator, 1 oiler, 1 driver.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea set up two 4" gasoline dewatering pumps to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used 2-4" gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the Bolmeir Crane to install 23 out of 30 ACB mats today. ACB mats have been placed on the east slope across the bottom and three have been set on the west slope.
- Pangea used the long reach and the 953 high lift to begin rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.

Equipment:

- Cat IT28G Front End Loader- Used off and on to assist with materials handling.
- Long Stick Excavator- Used off and on to set up pumps and assist dewatering, and rough site grading.
- High Lift- Rough site grading on east side of the site.
- Skid Steer- Stand By.

Materials:

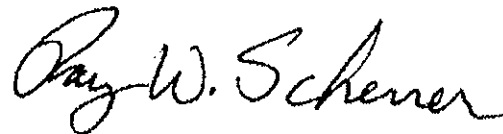

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- The Bolmeir crane will remain onsite for Monday. Pangea will complete installation of the ACB mats and also set the 48" flared end culvert pipe.

R. Scherrer offsite at 4:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 40's.

Project No.: 21561992.00002
Report No.: 177
Date: Mon., January 5, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Pinch Points and Hand Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.
- Onsite Personnel- Pangea's Sub- Bollmeir Crane 1 operator.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea set up one 4" gasoline dewatering pumps to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used 1-4" gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the Bolmeir Crane to install the final 7 ACB mats today on the west slope.
- Pangea also used the crane to set the 48" concrete flare at the Judith Lane culvert.
- Pangea completed tying off approximately half of the ACB mats along the east anchor trench then used the crane w/concrete bucket to place the grout anchor cover on the tied off ACB mats. Concrete blankets were place to protect the grout from over night freezing.
- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.

Equipment:

- Cat IT28G Front End Loader- Used off and on to assist with materials handling.
- Long Stick Excavator- Used off and on to set up pumps and assist dewatering, and rough site grading.
- High Lift- Rough site grading on east side of the site.
- Skid Steer- Stand By.

URS

Materials:

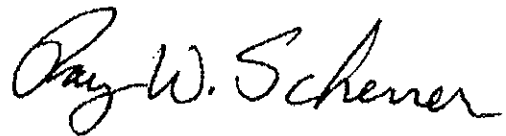
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 277 loads (4,682.30 tons) of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- The Bolmeir crane was used to complete placement of ACB mats and set the 48" flared end culvert pipe.

R. Scherrer offsite at 4:30pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 30's.

Project No.: 21561992.00002
Report No.: 178
Date: Tue., January 6, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Ice-Slips Trips, and Falls.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea set up one 4" gasoline dewatering pump to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfill of the east anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea also used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.

Equipment:

- Cat IT28G Front End Loader- Stand by.
- Long Stick Excavator- Used off and on to assist dewatering, anchor trench backfill, and perform rough site grading.
- High Lift- Rough site grading on east side of the site.
- Skid Steer- Stand By.

URS

Materials:

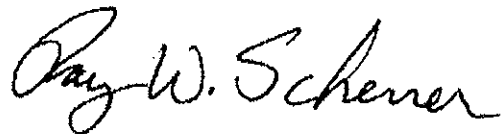
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 176.45 tons received today
 - 4,858.75 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill, Temp dam at +/- Sta. 105+00, and Anchor Trench Fill (CA-6)
 - 137.20 tons delivered today.
 - 644.15 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea should receive poly cord tomorrow mid morning so that the remainder of the ACB mats can be tied off and the anchor trenches can be grouted.

R. Scherrer offsite at 4:30pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 30's.

Project No.: 21561992.00002
Report No.: 179
Date: Wed., January 7, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Electric Safety and Awareness.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea operated one 4" gasoline dewatering pump off and on to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfill of the east and south anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea also used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.
- Pangea received polycord this morning then completed tying off the ACB mats in the east and west anchor trenches. Grout was then placed to cover the poly cords in the west anchor trench. Blankets were placed over the grout for freeze protection.
- SCI onsite today for Pangea to cast grout test cylinders.

Equipment:

- Cat IT28G Front End Loader- Stand by.
- Long Stick Excavator- Used off and on to assist dewatering, anchor trench backfill, and perform rough site grading.
- High Lift- Rough site grading on east side of the site.
- Skid Steer- Stand By.

URS

Materials:

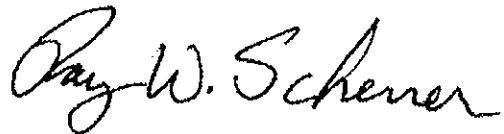
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,858.75 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 644.15 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea received poly cord mid morning as anticipated then the remainder of the ACB mats were tied off. Grouting of the ACB mat anchor trenches should be completed by tomorrow afternoon.

R. Scherrer offsite at 4:30pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 30's.

Project No.: 21561992.00002
Report No.: 180
Date: Thur., January 8, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Foot Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continued to pump since Wednesday. Pangea operated one 4" gasoline dewatering pump off and on to continue dewatering Dead Creek Segment B today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfilling the remainder portions of the anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.
- Pangea used the long reach and skid steer to place grout to cover the poly cords in the east and west anchor trench and completed the anchorage of the ACB mats. Blankets were placed over the grout for freeze protection.
- SCI onsite today for Pangea to cast grout test cylinders.
- Pangea also set the 24" flare end on the 24" overflow pipe culvert at Judith Lane.

URS

Equipment:

- Cat IT28G Front End Loader- Stand by.
- Long Stick Excavator- Used to assist dewatering, anchor trench backfill, placement of grout, perform rough site grading, and placement of bedding gravel.
- High Lift- Rough site grading on east side of the site.
- Skid Steer- Placement of grout and miscellaneous site grading.

Materials:

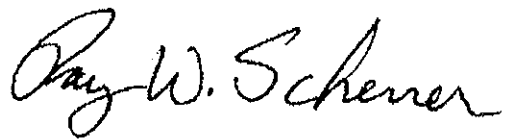
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 109.95 tons of bedding gravel delivered today.
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 43.30 tons of riprap delivered today.
 - 6,263.6 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 644.15 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.

Notes and Discussions:

- Pangea anticipates pouring the 4000psi concrete ACB mat seams tomorrow.

R. Scherrer offsite at 4:30pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 40's.

Project No.: 21561992.00002
Report No.: 181
Date: Fri., January 9, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Back Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 5 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Pangea continued dewatering the creek. The 3" electric dewatering pump continues to pump storm water. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used the 953 high lift to continue rough site grading activities along the east side of the site and staging riprap materials. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea used laborers and the long reach track hoe to place 4000psi concrete to complete the ACB mat seams this morning. Pangea placed a loose layer of CA-6 on the concrete seams this afternoon to act as a blanket and protect the concrete from freezing.
- SCI onsite today for Pangea to cast concrete test cylinders.
- Pangea continued to use the long reach track hoe to place and grade the bedding gravel along the east slope.
- The temporary dam at +/- station 105+00 was removed today allowing the last amount of storm water to migrate south to the temporary sump area near the ACB mats.

Equipment:

- Cat IT28G Front End Loader- Stand by.
- Long Stick Excavator- Used to place concrete, placement of bedding gravel, and rough site grading.
- High Lift- Rough site grading on east side of the site and staging riprap.
- Skid Steer- Miscellaneous site clean up and grading.

URS

Materials:

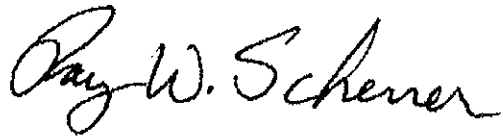
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 171.60 tons of riprap delivered today.
 - 6,435.20 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- None.

R. Scherrer offsite at 4:30pm.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to low 40's.

Project No.: 21561992.00002
Report No.: 182
Date: Mon., January 12, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Proper PPE and Cold Weather PPE.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 3 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 3" electric dewatering pump is hook up and ready to continue to pump storm water as needed. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea used the 953 high lift, long reach track hoe and the skid steer to backfill the east and west anchor trenches in the location of the ACB mats. Stockpiled previously excavated soils were spread out, placed in lifts and then tracked walked in by the equipment. Each lift was observed to be compacted to a firm to stiff condition.
- Pangea continued to use the long reach track hoe to place and grade the bedding gravel along the east slope. Later this afternoon the long reach was used to resume placement of riprap in the bottom of the creek.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Equipment:

- Cat IT28G Front End Loader- Stand by.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Rough site grading and fill placement on east side and west sides of the site.
- Skid Steer- Miscellaneous site clean up and anchor trench backfill.

URS

Materials:

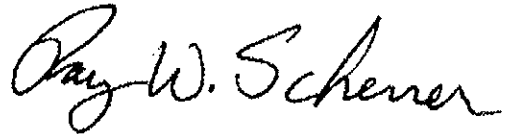
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 6,435.20 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike Roach met with Shaffer Meyers (seeding contractor) to discuss locations that will be seeded. Shaffer Meyers was also requested to provide a recommended seed mix for this time of year to be reviewed at tomorrow's construction meeting.

R. Scherrer offsite at 4:00pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to 30's.

Project No.: 21561992.00002
Report No.: 183
Date: Tue., January 13, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Hard Hats.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 3 laborers onsite today.
- Onsite Personnel-Pangea Sub Contractor GSI had 2 technicians onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 3" electric dewatering pump is hook up and ready to continue to pump storm water as needed. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east slope.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Miscellaneous site clean up.
- Vibratory Sheep Foot Roller- Mobilized onsite today.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.

URS

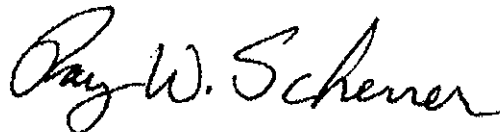
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 6,435.20 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- GSI – Two GSI technicians onsite to place patches on HDPE liner.

R. Scherrer offsite at 4:30pm.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 20's to 30's. Falling temperatures this afternoon.

Project No.: 21561992.00002

Report No.: 184

Date: Wed., January 14, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Employee Responsibilities.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.
- Onsite Personnel-Pangea Sub Contractor GSI had 2 technicians onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 3" electric dewatering pump is hook up and ready to continue to pump storm water as needed. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea grouted the pipe seams on the 24" dia and 48" dia concrete flared end pipe sections at Judith Lane. Pangea will grout the remaining 48" pipe seams when the pipe plug is removed.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Miscellaneous site clean up.
- Vibratory Sheep Foot Roller- Stand By.

URS

Materials:

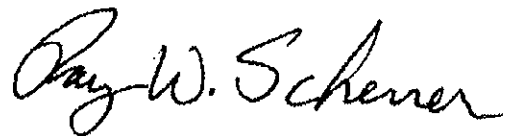
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 368 tons of riprap delivered today.
 - 6,803.2tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- GSI – Two GSI technicians onsite to place patches on HDPE liner.

R. Scherrer offsite at 4:30pm.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy, Windy, Teens.

Project No.: 21561992.00002
Report No.: 185
Date: Thur., January 15, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Proper Clothing for Work Conditions.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.
- Onsite Personnel-Pangea Sub Contractor GSI had 2 technicians onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 3" electric dewatering pump is hook up and ready to continue to pump storm water as needed. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Stand by.
- Vibratory Sheep Foot Roller- Stand by.

URS

Materials:

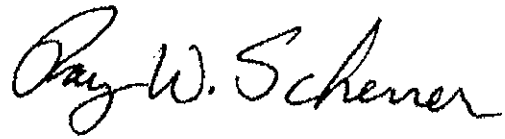
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 362.35 tons of riprap delivered today.
 - 7,165.55 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- GSI – Two GSI technicians onsite to place patches on HDPE liner. GSI completed the final patch of four repair locations at noon and then demobilized from the site.
- Rain For Rent onsite to demobilize the water treatment system and one frac tank. Pangea used a laborer, operator, and front end loader with forks to assist Rain for Rent with the demobilization.

R. Scherrer offsite at 3:30pm.

Signed by:



KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's to 30's.

Project No.: 21561992.00002
Report No.: 186
Date: Fri., January 16, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Awareness of Area and Job Conditions.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 3" electric dewatering pump was removed from the creek today. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water as needed from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Stand by.
- Vibratory Sheep Foot Roller- Stand by.

URS

Materials:

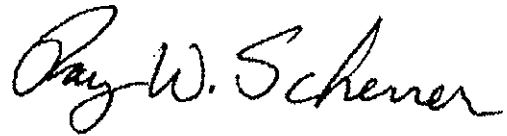

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,165.55 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Rain For Rent intends to return onsite next Monday to demobilized 2 more tanks.

R. Scherrer offsite at 3:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy High 20's to low 30's.

Project No.: 21561992.00002
Report No.: 187
Date: Mon., January 19, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Water Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water as needed from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing sediments from leaving the site.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea placed +/-8" lifts of stockpiled import clay along the east side of the creek from +/- station 101+00 to station +/- 102+25 to fill the site back to original grade and reconstruct the corner of the Towler Property. Each lift was placed and tracked in by the 953 track high lift then compacted by the sheep foot roller 4 plus passes to a stiff condition. Pangea is preparing this area for final site grading and the replacement of the chain link fencing.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Stand by.
- Vibratory Sheep Foot Roller- Used off and on to compact lifts of clay fill.

URS

Materials:

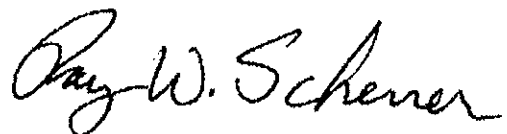

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,165.55 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Rain For Rent returned onsite today and demobilized 2 more tanks. The weir tank will remain onsite until it can be thawed out and cleaned out.

R. Scherrer offsite at 3:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy High 20's to low 30's.

Project No.: 21561992.00002
Report No.: 188
Date: Tue., January 20, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Cold Related Illnesses and Injuries.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.
- Onsite Personnel- Pangea had 2- Surveyors onsite for part of the day.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The existing 3" and a 4" rental submersible located south of Judith Lane approximately 100' continues to dewater storm water as needed from the area south of Judith Lane to the dam (utility pipe crossing the creek channel). The 48"dia pipe plug was removed today.

Construction Activities:

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the south portion of the site around the 48"dia and 24"dia culvert pipes near Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea demobilized the rock box today.
- Pangea surveyors were onsite part of the day to lay out the locations of the chain link fence to be replaced and set up the stationing so that surface of the riprap layer can be surveyed for the as built record drawing.

Equipment:

- Cat IT28G Front End Loader- Used off/on to handle riprap material.
- Long Stick Excavator- Used to place bedding gravel, riprap and rough site grading.
- High Lift- Used off and on for rough site grading and material handling.
- Skid Steer- Stand by.
- Vibratory Sheep Foot Roller- Stand By.
- Cat. D4 Dozer- Mobilized onsite today.

Materials:

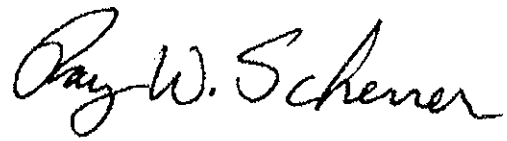

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,165.55 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed that Vandeventer would be onsite mid morning tomorrow to install a new pump on the south side of Judith Lane and that the Long Stick track hoe would be needed to assist with removal of the old pump and installation of the new pump.

R. Scherrer offsite at 3:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 40's.

Project No.: 21561992.00002
Report No.: 189
Date: Wed., January 21, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Laser Beam Eye Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The 4" rental pump was removed from the creek today. The existing 3" permanent pump located south of Judith Lane approximately 100' was replaced today with a new 10 hp 4" pump.

Construction Activities:

- Pangea used the long reach track hoe this morning to place and finish grade the 6 inch layer of bedding gravel and 1 ft. layer of riprap along west slope. With exception of some finish grading of the riprap, the rip rap layer along the west slope has been completed.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea used the front end loader to load a tandem dump truck with stockpiled soils and place the loads of soils in locations requiring finish site grading. Pangea used the front end loader and the D4 dozer to grade out areas through out the site.
- R. Scherrer requested that Pangea assist Vandevanter with the removal of the permanent Dead Creek dewatering pump south Judith Lane and the installation of the new pump. The long reach excavator was required since the pump location is far passed the reach of a standard boom truck. The excavator and operator were used from about 9:30 am through to end of the day 4:30pm.

Equipment:

- Cat IT28G Front End Loader- Used for material handling.
- Long Stick Excavator- Used to place bedding gravel, riprap and to assist Vandevanter with the installation of a new pump.
- High Lift- Stand by.
- Skid Steer- Stand by.
- Vibratory Sheep Foot Roller- Demobilized.
- Cat. D4 Dozer- Used off and on for site grading.

URS

Materials:

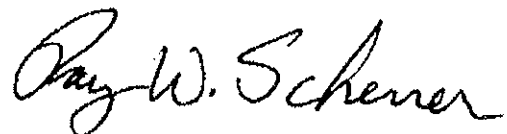
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 101.20 tons of riprap delivered today.
 - 7,266.75 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea assisted Vandevanter with the removal of the old pump and installation of a new pump located on the south side of Judith Lane. The Long Stick track hoe was used. Vandevanter had to leave the site at ~11:00am to return to the shop and drill new holes for the flange connection. They also had to pick up a new circuit breaker and a set of bolts to fasten the pump to the steel base plate.

R. Scherrer offsite at 4:30pm.

Signed by:



Ray W. Scherrer

KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Partly Cloudy 40's low 50's.

Project No.: 21561992.00002

Report No.: 190

Date: Thur., January 22, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Site Safety Caught in Between Hazards.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. A small pump was used to dewater about one hundred ft of the creek bottom to allow riprap to be placed and completed in the bottom. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- R. Scherrer requested that Pangea place geotextile and +/-6inches of riprap in a small triangular shape area along the east side of the creek near the property fence line (along the Towler Property). Pangea used the long reach track hoe this morning to place the riprap.
- Pangea used the long reach track hoe to continue to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea grouted the pipe seams in the 36"dia pipe culvert at Queeny and started grouting the pipe seam in the 48"dia. Pipe culvert at Judith Lane.
- Pangea began pressure washing the crane mats and deconning them in preparation for demobilization.

Equipment:

- Cat IT28G Front End Loader- Used for material handling.
- Long Stick Excavator- Used to place bedding gravel, riprap.
- High Lift- Stand by.
- Skid Steer- Stand by most of the day. Used briefly to assist with material handling.
- Vibratory Sheep Foot Roller- Demobilized.
- Cat. D4 Dozer- Used off and on for site grading.

URS

Materials:

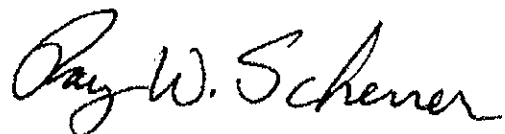
1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,266.75 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- Pangea should complete riprap placement tomorrow or be very close to only performing some finish grading of the riprap.

R. Scherrer offsite at 3:30pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 40's.

Project No.: 21561992.00002
Report No.: 191
Date: Fri., January 23, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Hearing Protection.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 1 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea used the long reach track hoe to continue to place and finish grade the 6 inch layer of bedding gravel and 1 ft. layer of riprap across the remaining portion of the creek bottom and along east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea has pressure washed the crane mats and will have a wipe test performed them in preparation for demobilization.

Equipment:

- Cat IT28G Front End Loader- Used for material handling.
- Long Stick Excavator- Used to place bedding gravel, riprap.
- High Lift- Stand by.
- Skid Steer- Stand by most of the day. Used briefly to assist with material handling.
- Cat. D4 Dozer- Used off and on for site grading.

URS

Materials:

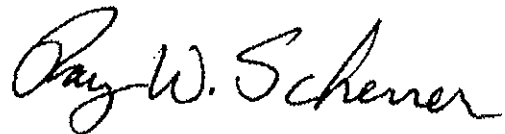

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 81.35 tons of riprap delivered today.
 - 7,348.1 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- None.

R. Scherrer offsite at 3:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 20's.

Project No.: 21561992.00002
Report No.: 192
Date: Mon., January 26, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Power Line Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea used the long reach track hoe to complete placement of the 1ft. layer of riprap across the remaining portion of the east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles. Pangea staged the remaining rolls of geosynthetics from along the TSCA cell to the area adjacent to the north side of the WWTF barn.

Equipment:

- Cat IT28G Front End Loader- Used for material handling.
- Long Stick Excavator- Used to place bedding gravel, riprap.
- High Lift- Stand by.
- Skid Steer- Stand by.
- Cat. D4 Dozer- Used off and on for site grading.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 51.90 tons of riprap delivered today.
 - 7,400 tons of riprap delivered to date.

URS

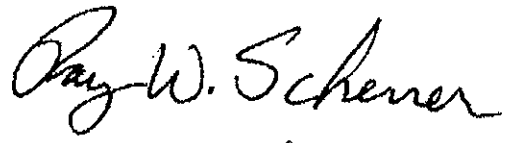
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed the forecasted weather conditions for the next couple of days. The area is predicted to receive several inches of snow and sleet. Work will be limited. Pangea may resume work later this week or early next week.

R. Scherrer offsite at 3:30pm.

Signed by:


KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 20's. Site received +/- 1" of sleet and snow. Sleet continued off/on throughout the day.

Project No.: 21561992.00002

Report No.: 193

Date: Tue., January 27, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer not onsite today.

Construction Activities:

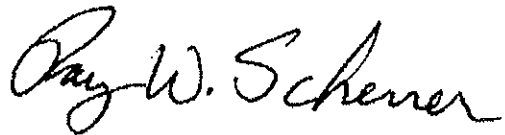
- Mike Roach called off construction activities today due to weather and site conditions.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed the forecasted weather conditions for the next couple of days. The area is predicted to receive an additional several inches of snow and sleet. Work will be limited. Mike indicated that it may be next Monday before Pangea can resume any site activities.

R. Scherrer offsite for the day.

Signed by:


KMS

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy 20's to low 30's. Site received +/- 7" of sleet and snow.

Project No.: 21561992.00002

Report No.: 194

Date: Wed., January 28, 2009

Progress of work:

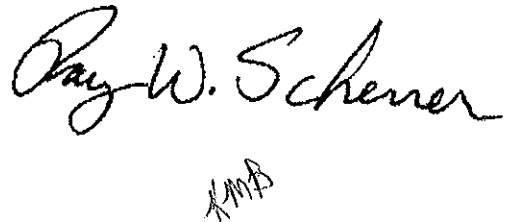
Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am. R. Scherrer began demobilizing office equipment from the old field office into the new office trailer in preparation to demob the older trailer.

Construction Activities:

- Construction activities are called off today due to weather and site conditions.

R. Scherrer offsite at 4:30pm.

Signed by:



Ray W. Scherrer

KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Partly Cloudy 20's to low 30's.

Project No.: 21561992.00002

Report No.: 195

Date: Thur., January 29, 2009

Progress of work:

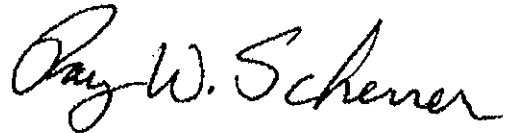
Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am. R. Scherrer continued demobilizing office equipment from the old field office into the new office trailer in preparation to demob the older trailer.

Construction Activities:

- Construction activities are called off today due to weather and site conditions.

R. Scherrer offsite at 4:30pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy 30's.

Project No.: 21561992.00002
Report No.: 196
Date: Fri., January 30, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 7:00am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Slips Trips and Falls.
- Onsite Personnel- Pangea had 1 Superintendent onsite part of the day, 2 operators onsite for the full day and 1 laborers onsite part of the day.

Stormwater Pollution Prevention And Pumping Activities: The creek was observed to be generally dry this morning. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea used the IT28 front end loader, D4 dozer and skid steer throughout the morning to remove snow from the parking lot areas, roadways, and areas to receive new fencing.
- This afternoon the long reach track hoe was demobilized and the 325 track hoe was mobilized onsite today to complete final site work.
- Pangea moved to the east side of the creek this afternoon and continued site grading. Pangea continued to move the spoils stockpiles and place the spoils in landscape areas along the east side of the creek for site grading.
- Pangea performed wipe tests on the wood crane mats in preparation for demobilization. The mats will be checked for herbicides, pesticides, VOCs, and SVOCs.

Equipment:

- Cat IT28G Front End Loader- Used for snow removal and material handling.
- Long Stick Excavator- Demobilized today.
- 325 Cat Track Hoe- Mobilized onsite today.
- High Lift- Stand by used for material handling.
- Skid Steer- Stand by most of the day. Used for snow removal.
- Cat. D4 Dozer- Used for snow removal and off and on for site grading.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.

URS

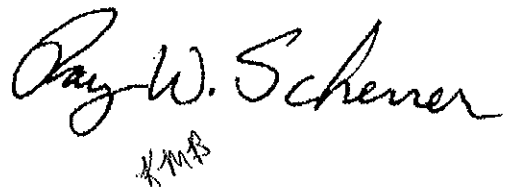
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,400 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed work activities scheduled for next week. Mike intends to have Bellville fence onsite early next week to begin installation of the remaining portion of perimeter fence and continue with site graded as permitted by site conditions.

R. Scherrer offsite at 3:30pm.

Signed by:



Ray W. Scherrer

KMB

Daily Field Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Weather: Cloudy teens to low 20's.

Project No.: 21561992.00002

Report No.: 197

Date: Mon., February 2, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Effective Communication.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite today.

Stormwater Pollution Prevention And Pumping Activities: Bedding gravel and riprap has been completed. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea reconnected the discharge pipeline from the WWTF to Dead Creek. A new hose was installed and placed onto the riprap layer. The discharge hose extends about 2/3rds of the way down slope. The portion of the pipe coming out of the ground and running horizontally across the ground was covered by a thermal blanket and then several feet of clay for freeze protection. The portion of the pipe running down slope along the surface of the riprap will be left uncovered.
- Pangea removed the temporary 6" dia HDPE pipeline that was used as the pump around discharge pipe.
- Pangea continued site grading along the east side of the creek. Most of the stockpiled spoils pile on the east side of the creek has been used for side grading along the site, spread out as needed and graded to drain.

Equipment:

- Cat IT28G Front End Loader- Miscellaneous material handling.
- 325 Cat Track Hoe- Used for site grading along the east side of the creek.
- High Lift- Stand by most of the day.
- Skid Steer- Stand by most of the day. Used for miscellaneous material handling.
- Cat. D4 Dozer- Stand by most of the day.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.

URS

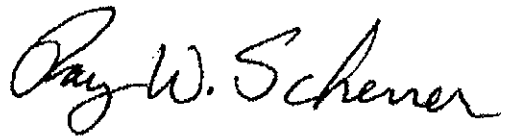

2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,400 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed work activities scheduled for this week. Mike intends to have Bellville fence onsite Wednesday. Site grading, site clean up and demobilization will continue through the week.

R. Scherrer offsite at 3:30pm.

Signed by:

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Cloudy 30's.

Project No.: 21561992.00002
Report No.: 198
Date: Tue., February 3, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Asphalt Safety Hazards.
- Onsite Personnel- Pangea had 1 Superintendent, 2 operators and 2 laborers onsite part of the day. Part of the crew was at other sites throughout the morning.

Stormwater Pollution Prevention And Pumping Activities: Bedding gravel and riprap has been completed. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea continued site grading along the east side of the creek.
- Pangea used the skid steer to touch up the CA-6 washed areas on the ACB mat located on the north end of the site.
- Pangea continued site clean up activities.

Equipment:

- Cat IT28G Front End Loader- Demobilized today.
- 325 Cat Track Hoe- Demobilized this morning to the Solutia Plant to perform a pre-trench excavation.
- High Lift- Stand by.
- Skid Steer- Stand by most of the day. Used for miscellaneous material handling.
- Cat. D4 Dozer- Stand by this morning. Used from late morning to the end of the day to perform site grading.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.

URS

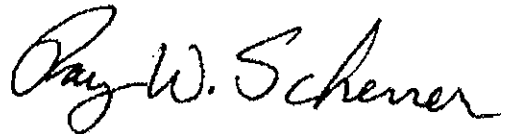
3. Rip Rap-
 - 7,400 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- None.

R. Scherrer offsite at 4:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy, teens to 20's.

Project No.: 21561992.00002
Report No.: 199
Date: Wed., February 4, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Equipment Safety Awareness.
- Onsite Personnel- Pangea had 1 Superintendent, 1 operators and 2 laborers onsite part of the day. Part of the crew was at other sites throughout the morning.

Stormwater Pollution Prevention And Pumping Activities: Bedding gravel and riprap has been completed. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea continued site grading along the east side of the creek.
- Pangea used the skid steer to touch up the CA-6 washed areas on the ACB mat located on the north end of the site.
- Pangea continued site clean up activities.

Equipment:

- High Lift- Stand by.
- Skid Steer- Stand by most of the day. Used for miscellaneous material handling.
- Cat. D4 Dozer- Stand by this morning. Used for site grading.

Materials:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Rip Rap-
 - 7,400 tons of riprap delivered to date.
4. ACB Mat fill (CA-6)
 - 15 loads (326.2 tons) of CA-6 delivered to date.

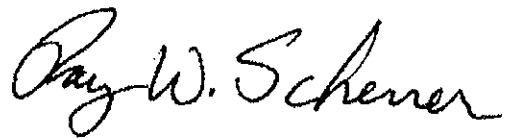
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric delivered to date.
8. CA-6 - For Temporary Dam at +/-sta105+00 and Anchor Trench Fill.
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Notes and Discussions:

- None.

R. Scherrer offsite at 5:00pm.

Signed by:



Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy, 30's to 40's.

Project No.: 21561992.00002
Report No.: 200
Date: Thur., February 5, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Health and Safety:

- Pangea conducted a morning safety tool box meeting. Safety topic for today was Eye Safety.
- Onsite Personnel- Pangea had 1 Superintendent, 1 operators and 2 laborers onsite part of the day. Part of the crew was at other sites throughout the morning.

Stormwater Pollution Prevention And Pumping Activities: Bedding gravel and riprap has been completed. The existing 4" permanent pump located south of Judith Lane approximately 100' is set up on floats and pumps as needed.

Construction Activities:

- Pangea continued site grading along the east side of the creek.
- Pangea continued site clean up and demobilization activities.

Equipment:

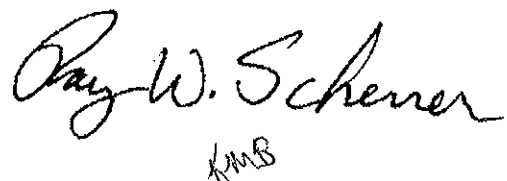
- High Lift- Stand by.
- Skid Steer- Stand by most of the day. Used for miscellaneous material handling.
- Cat. D4 Dozer- Used for site grading.

Notes and Discussions:

- R. Scherrer and Mike Roach discussed schedule and remaining punch list items. Mike has been in touch with Bellville fence and continues to push to get Bellville onsite ASAP. Additionally due to the frozen subgrade conditions, Mike Roach has asked Mike Sheppard to complete the site grading. Approximately a half of day of grading remains and then the site must be seeded and straw covered. R. Scherrer informed Mike that Pangea still needs to submit the seed company and seed mix intended to be used for approval. Mike Sheppard will complete the remaining items along with the Mercury excavation at the Solutia Plant.

R. Scherrer offsite at 5:00pm.

Signed by:



Ray W. Scherrer

Daily Field Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea
Weather: Partly Cloudy, 30's to 50's.

Project No.: 21561992.00002
Report No.: 201
Date: Fri., February 6, 2009

Progress of work:

Oversight Activities: R. Scherrer onsite to provide Construction Management for Solutia during the installation of the Dead Creek Segment-B liner system. R. Scherrer onsite at 6:30am.

Construction Activities:

- Pangea continued site grading along the west and east sides of the creek.
- Pangea continued site clean up and demobilization activities. Pangea demobilized their office trailer today.
- Pangea placed 3 loads of CA-6 to top of the site haul roads. R. Scherrer request 2 loads of CA-6 be placed on the parking lot area and 1 load of 1" clean be placed in the pole barn area.

Equipment:

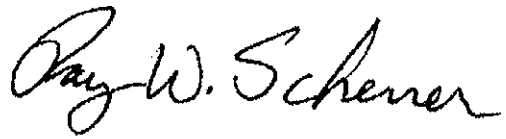

- High Lift- Demobilized today.
- Skid Steer- Sent over to the Solutia plant this afternoon to assist with the Mercury excavation.
- Cat. D4 Dozer- Used for site grading.

Notes and Discussions:

- None.

R. Scherrer offsite at 5:00pm.

Signed by:

WEEKLY REPORTS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 020
Date: Fri., February 1, 2008

Progress of work:

Health and Safety: Pangea has worked 98 days without a lost time injury and 33 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea has removed the primary check dam so that grading activities can be completed in the south portion of the site. Note: A 48"dia pipe plug has been installed in the Judith Lane culvert to prevent flow of storm water off site and onto the site.

Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday January 31, 2008*.

Onsite Equipment:

- D-4G Caterpillar Dozer
- 324D Cat Extended Reach Track Hoe
- WA430 Komatsu Front End Loader
- Cat. 278B w/vibratory roller
- 1-20,000gal Ground Water Storage Tank
- Wacker Walk Behind Roller
- PC138 Komatsu Excavator- Mobilized onsite.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. 19 rolls of 60mil HDPE geomembrane have been delivered and stockpiled.
3. 25 rolls of 8oz Geotextile have been delivered and stockpiled.

4. 99 rolls of 16oz Geotextile have been delivered and stockpiled.
5. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
6. Riprap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

Dead Creek Segment-B Liner System Construction Activities:

Saturday-

- The 324D Track Hoe continued placing riprap in the bottom of the creek and on the west side slope from station 110+50 northward to approximately station 111+50.
- Pangea continued cable tying ACB mat to the concrete dead man along the west and east anchor trench from Queeny Ave. south to station 116+50. Pangea also began removal and clean up of silt that has washed into the anchor trench from previous rains.
- Pangea continued final fill placement and rough grading in the south end of the site around and above the Judith lane culvert. The D4 dozer was used to rough grade and place thin lifts of fill materials. Pangea used the 138 track hoe to excavate the east anchor trench and began excavating the west anchor trench in preparation to pour the concrete dead man. The east anchor trench was excavated from 100+60 north to station 101+40 and the west anchor trench was excavated from 100+60 north to approximately station 101+00. Pangea intends to complete excavation of the west anchor trench and then place rebar and concrete on Monday.

Monday –

- The 324D Track Hoe continued placing riprap in the bottom of the creek and on the west side slope from station 111+50 northward to approximately station 112+25.
- Pangea continued cable tying ACB mat to the concrete dead man along the west and east anchor trench from Queeny Ave. south to station 116+50. Pangea also continued removal and clean up of silt that has washed into the anchor trench from previous rains. Pangea intends to place the 1' layer of grout to cover the tied anchor locations in the anchor trenches tomorrow mid morning.
- Pangea continued final fill placement and rough grading in the south end of the site around and above the Judith lane culvert. The D4 dozer was used to rough grade and place thin lifts of fill materials.
- Pangea used the 138 track hoe to complete excavation of the west anchor trench in preparation to pour the concrete dead man. The 324D track hoe was used to set the rebar cages into place late morning. Pangea set up to use a pump truck to place concrete this afternoon but was shut down when the pump truck arrive onsite without a union operator to operate the pump truck. Pangea used the concrete truck shoots to pour the west anchor

URS

trench and the majority of the east anchor trench. The 138 track hoe was used to transport and place concrete in the south +/- 25' of the east anchor trench.

- Pangea continued to receive and stockpile riprap.

Tuesday –

- The 324D Track Hoe continued placing riprap in the bottom of the creek and on the west side slope from station 112+25 northward to approximately station 113+25.
- Pangea continued cable tying ACB mat to the concrete dead man along the west and east anchor trench from Queeny Ave. south to station 116+50. Pangea also continued removal and clean up of silt that has washed into the anchor trench from previous rains. Pangea placed the 1' layer of grout to cover and protect the tied anchor locations in the west anchor trench from 116+50 north to Queeny Ave and in the east anchor trench from Queeny Ave south to +/- station 117+75.
- Pangea continued final fill placement and rough grading in the south end of the site from the Judith lane culvert north to approximately station 102+00. The majority of the fill had been previously completed with only grading and some minor fills to be completed prior to finish grading. The D4 dozer was used to rough grade and place thin lifts of fill materials as needed. The skid steer was used to assist grading and begin dressing up the side slopes and bottom.
- Pangea continued to receive and stockpile riprap.

Wednesday –

- The 324D Track Hoe continued placing riprap in the bottom of the creek and on the west side slope from station 113+25 northward to approximately station 114+50.
- Pangea continued cable tying ACB mat to the concrete dead man along the east anchor trench from Queeny Ave. south to station 116+50. Pangea also continued removal and clean up of silt that has washed into the anchor trench from previous rains.
- Pangea continued rough grading in the south end of the site from the Judith lane culvert north to approximately station 102+50. The D4 dozer was used to rough grade and place thin lifts of fill materials as needed. The 138 track hoe was used to assist grading and continue dressing up the side slopes and bottom.
- Pangea continued to receive and stockpile riprap.

Thursday –

- The 324D Track Hoe continued placing riprap in the bottom of the creek and on the west side slope from station 114+50 northward to approximately station 115+50.
- Pangea completed cable tying ACB mat to the concrete dead man along the east anchor trench from Queeny Ave. south to station 116+50. Pangea completed removal and clean up of silt that has washed into the anchor trench from previous rains. Pangea placed the 1' layer of grout to cover and protect the tied anchor locations across the north end of the creek and in the east anchor trench from +/- station 117+75 to station 116+50.

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- Pangea continued rough grading the south end of the site from the Judith lane culvert north to approximately station 102+50. The D4 dozer and skid steer were used to rough grade and continue dressing up the side slopes and bottom.

Friday –

- No site work today due to inclement weather.

See URS Daily Field Reports #096 through #101 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherer
KMS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 021
Date: Fri., February 8, 2008

Progress of work:

Health and Safety: Pangea has worked 101 days without a lost time injury and 36 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea has removed the 48"dia pipe plug installed in the Judith Lane culvert, and rebuilt the Primary and Secondary rock check dams up stream of the culvert pipe. Silt fencing was also installed as additional erosion control along the southern portion of the site.

Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspections were performed by Mike Sheppard on *Wednesday February 6, 2008 after a storm event and the weekly inspection on Thursday February 7, 2008.*

Onsite Equipment:

- D-4G Caterpillar Dozer-Demobilized.
- 324D Cat Extended Reach Track Hoe- Demobilized.
- WA430 Komatsu Front End Loader- To be Demobilized next Monday.
- Cat. 278B w/vibratory roller- Demobilized.
- 1-20,000gal Ground Water Storage Tank-Demobilized.
- Wacker Walk Behind Roller
- PC138 Komatsu Excavator- Demobilized.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.

3. Riprap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.
4. Crushed Limestone (CA-6)-
 - 18 trailer loads (407.75 tons) of CA-6 delivered today for the east anchor trench backfill from Queeny Ave. to Station 116+50.
 - 24 trailer loads (543.35 tons) of CA-6 delivered to date for the east anchor trench backfill from Queeny Ave. to Station 116+50.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea shut site construction activities down for the day due to snow and wet site conditions.

Tuesday –

- Pangea shut site construction activities down for the day due to rain and wet site conditions.
- During the Weekly Construction Progress Meeting, Pangea proposed to shut the site down for a few weeks due to the wet site conditions, continuous precipitation, and the next ten day weather forecast. R. Scherrer and Richard Williams agreed. Pangea will spend the remainder of the week preparing the site for shut down and demobilizing equipment.

Wednesday –

- Pangea constructed the secondary rock check dam just up stream of the Judith Lane culvert pipe and removed the 48" dia pipe plug.
- Pangea began backfilling the east anchor trench from station 116+50 north to Queeny Ave. with 8 to 10 inch lifts of crushed limestone gravel (CA-6). Each lift was observed to be compacted by the vibratory walk behind sheep foot roller to a medium dense to dense condition.

Thursday –

- Pangea constructed the Primary rock check dam up stream of the Judith Lane culvert pipe at approximately station 101+60.
- Pangea completed backfilling the east anchor trench from station 116+50 north to Queeny Ave. with 8 to 10 inch lifts of crushed limestone gravel (CA-6). Each lift was observed to be compacted by the vibratory walk behind sheep foot roller to a medium dense to dense condition.

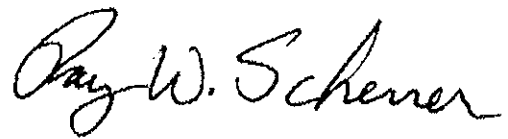
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Friday –

- Pangea installed additional silt fencing as needed throughout the site.
- Pangea had a couple of loads of CA-6 crushed limestone delivered. The gravel was used to dress up the parking lot area along the Metro property.
- Pangea re-installed and repaired barricade fencing around the perimeter of the site.
- Pangea cleaned and washed the equipment in preparation for demobilization.

See URS Daily Field Reports #102 through #106 for additional construction notes, discussions, and details.

Signed by:



Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

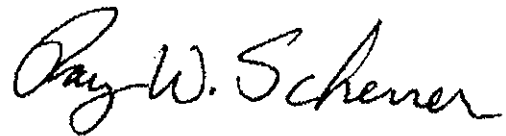
Project No.: 21561992.00002
Report No.: 022
Date: Fri., April 18, 2008

Progress of work:

Site Activities: R. Scherrer and Mike Sheppard returned onsite this week to set up the second dewatering pump. The existing pump located south of Judith Lane continues to pump, but has had difficulty keeping up with the rain fall. R. Scherrer and Mike Sheppard added an additional +/- 1200 ft of hose to the second pump located on the north side of Judith Lane immediately on the down stream side of the rock check dam. The hose was set up to allow discharge of the water to the same location down stream as the first pump. By the end of the week, the standing water in Dead Creek Segment B had dropped a couple of feet.

Pangea intends to begin remobilization of equipment onsite early next week.

Signed by:



KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 023
Date: Fri., April 25, 2008

Progress of work:

Health and Safety: Pangea has worked 104 days without a lost time injury and 39 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday April 24, 2008*.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe – Mobilized onsite Tuesday.
- 953C Cat Track High lift- Mobilized onsite Tuesday.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 145 trailer loads (3,021.40 tons) of riprap delivered to date.

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Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea Superintendent onsite to mobilize miscellaneous office and small tools equipment. .

Tuesday –

- Pangea mobilized a track hoe and a high lift.

Wednesday –

- Pangea used the extended reach track hoe and the track high lift to resume placement of riprap materials along the west creek bank from approximately 115+25 northward.

Thursday –

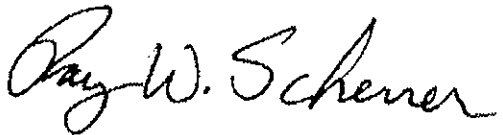
- Pangea used the extended reach track hoe and the track high lift to resume placement of riprap materials along the west creek bank from approximately 116+00 to 116+50.
- Pangea used the 953 highlift to perform site grading activities along the west ACB anchor trench from station 116+50 north to Queeny Ave.
- Pangea mobilized the 290 track hoe and the 953 highlift around the north end of the site to approximately station 116+00 late this afternoon in preparation to load and relocate the existing stockpile of base rock tomorrow. The base rock will be relocated to the riprap stockpile area on the west side of the creek.

Friday –

- Pangea used the extended reach track hoe to dewater a small area of standing water along the east side of the creek at Site M.
- Pangea used the 953 highlift and 2 tandems to relocate the stockpile of base rock from the Metro Property to the riprap staging area on the west side of the creek. This is in preparation for riprap deliveries to begin on Monday and placement of riprap along the east side of the creek to begin.
- Late this morning, Pangea used the trackhoe to begin loading up the stockpile of soil in the contractors parking lot. The loads of soils were spotted along the east side of the creek for site grading.

See URS Daily Field Reports #107 through #109 for additional construction notes, discussions, and details.

Signed by:


RWS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 024
Date: Fri., May 2, 2008

Progress of work:

Health and Safety: Pangea has worked 109 days without a lost time injury and 44 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday May 1, 2008*.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- 953C Cat Track High lift

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 240 trailer loads (4,965.85 tons) of riprap delivered to date.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea used the extended reach track hoe to remove one of the rock check dams located at approximately station 101+60.
- Pangea used the 953 highlift to perform miscellaneous site grading along the east side of the creek and to manage incoming riprap materials.
- Pangea began stockpiling riprap on the southwest corner of the Metro Property. Same location as the previous stockpile of bedding gravel.

URS

Tuesday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 116+50 to station 113+50.

Wednesday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 113+50 to station +/112+00.

Thursday –

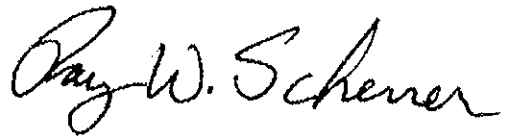
- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 112+00 to station +/111+50.

Friday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 111+50 southward to station +/110+70.

See URS Daily Field Reports #110 through #114 for additional construction notes, discussions, and details.

Signed by:



KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 025
Date: Fri., May 9, 2008

Progress of work:

Health and Safety: Pangea has worked 114 days without a lost time injury and 49 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday May 8, 2008*.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- 953C Cat Track High Lift- Demobilized this week.
- IT 28G Rubber Tire Front End Loader- Mobilized onsite Friday to replace the track high lift.
- D4 Cat Dozer- Mobilized early this week to provide assistance with site grading. Pangea needed the D4 on another site and demobilized the D4 on Thursday.
- 1-Weir Tank- Mobilized onsite Friday.
- 3- Frac Tanks- Mobilized onsite Friday.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 254 trailer loads (5,247.95 tons) of riprap delivered to date.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 111+00 southward to station +/- 110+00.

URS

- Pangea used the D4 dozer late this afternoon to perform general site grading along the west side of the creek from approximately station 104+00 north to station 114+00.

Tuesday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 110+00 southward to station +/- 109+50.

Wednesday –

- Pangea used the 953 highlift to assist managing riprap materials.
- Pangea used the extended reach track hoe to continue placement of riprap on the east side slope. Pangea has placed riprap on the east side slope from approximately station 109+50 southward to station +/- 109+00.
- This afternoon Pangea was requested to construct an earth dam crossing the creek at +/- station 103+00 and install a 48" dia pipe plug into the Judith Lane culvert pipe. Both the track hoe and highlift were used this afternoon to construct the dam.

Thursday –

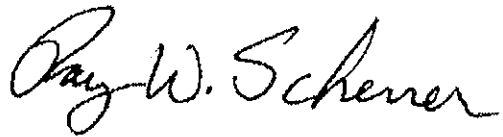
- Pangea used the extended reach track hoe to assist placement of a three inch pump on the north side of the earth dam at station +/- 103+00. This pump will be used to pump storm water entering the site from the north. The storm water will be pumped passed the work zone between station 103+00 and Judith Lane.

Friday –

- Construction activities today were limited due to very wet site conditions.
- This morning, Pangea used the extended reach track hoe to clean up and pile up the bedding gravel and rip rap in the staging area.
- The rubber tire front end loader was used this morning to relocate the pallets of drums from the south side of the containment area to the north side of the containment area to make room along the south side of the containment area for the incoming storage tanks and water treatment system.
- Rain For Rent delivered a weir tank and three Frac Tanks.
- This afternoon the crew returned to placing riprap along the east slope from Station 109+00 southward. Pangea continued placement of riprap from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.

See URS Daily Field Reports #115 through #119 for additional construction notes, discussions, and details.

Signed by:


KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 026
Date: Fri., May 16, 2008

Progress of work:

Health and Safety: Pangea has worked 119 days without a lost time injury and 54 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday May15, 2008*.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- IT 28G Rubber Tire Front End Loader
- 1-Weir Tank
- 3- Frac Tanks
- 6- Carbon Filter Vessels

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 272 trailer loads (5,626.80 tons) of riprap delivered to date.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Construction activities were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

Tuesday –

- Construction activities were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea raised the height of the control dam at +/-station 103+00 by an addition 1 to 1.5 ' to help prevent storm water from over topping the dam.

Wednesday –

- Construction activities were limited due to very wet site conditions.
- Pangea used the front end loader to assist with deployment of the 1200' of lay flat hose that will be used along with a second pump to dewater storm water from the north portion of Dead Creek Seg. B. Pangea began set up of the second pump; hose was laid out, pump was set near the pumping location and electrical wiring was placed in preparation to be connected. Pangea will complete the set up of the second pump tomorrow morning.

Thursday –

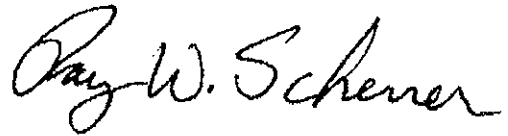
- Construction activities were limited due to very wet site conditions.
- Pangea completed connecting the second electric pump and placed it into operation pumping storm water from the north portion of Dead Creek Seg. B.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

Friday –

- Construction activities were limited due to very wet site conditions.
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.

See URS Daily Field Reports #120 through #124 for additional construction notes, discussions, and details.

Signed by:

A handwritten signature in black ink that reads "Ray W. Scherer". The signature is written in a cursive style with a large, looped 'R' and 'S'.Handwritten initials "RWS" in black ink, positioned below the signature.

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 027
Date: Fri., May 23, 2008

Progress of work:

Health and Safety: Pangea has worked 124 days without a lost time injury and 59 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Sheppard on *Thursday May22, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- IT 28G Rubber Tire Front End Loader
- Cat D-4G LGP Dozer- Mobilized onsite today.
- 1-Weir Tank
- 3- Frac Tanks
- 6- Carbon Filter Vessels

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- The rubber tire front end loader was also used to assist set up of the treatment system.

Tuesday –

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea will place riprap from the toe of the east slope up slope to the currently placed riprap when the storm water has been dewatered.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea used the fire hydrant to charge the sand and carbon filters. The filters have to be charged with water for 12 to 24 hours before the treatment system can begin operation. Pangea continued to hook up the power supply to the treatment system, the water supply line from the creek, and the emergency overflow hose from the weir tank back to the creek. Pangea anticipates completing the final electrical hook up and the creek supply piping so that the treatment system can begin operation by late tomorrow morning.

Wednesday –

- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from the water line up slope to the crest of the slope. Pangea also returned to station +/-109+00 and placed riprap from the toe of the east slope up slope to the currently placed riprap. Pangea continued placement of riprap along the toe of the east slope from +/-109+00 to station 107+00.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Pangea with Rain For Rent started up the treatment system this morning at ~11:00am and treated water until ~3:15pm. Water was treated and stored in a clean frac tank. Billy Howland with URS sampled the treated water from the clean frac tank and sent samples to TEKLAB, INC to be tested for VOC's and SVOC's. Results are anticipated to be received this Friday.

URS

Thursday –

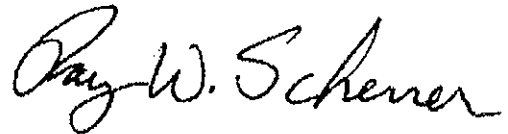
- Pangea used the extended reach track hoe to continue placement of rip rap on the east side slope from +/- 107+00 south.
- The rubber tire front end loader was used to manage riprap and supply riprap to the track hoe for placement.
- Rain For Rent returned onsite today to make some minor adjustments to the treatment system and replace a couple of leaking hose connections.

Friday –

- Pangea used the extended reach track hoe to assist with clean up of sand bags, gravel and debris from the north ACB mat area.
- The rubber tire front end loader along with the D4 dozer was used to perform general site grading along the west side of the site to promote positive drainage from the west to the creek channel.
- Rain For Rent returned onsite today to make additional adjustments to the treatment system, repair leaks, and change a battery.

See URS Daily Field Reports #125 through #129 for additional construction notes, discussions, and details.

Signed by:



KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 028
Date: Fri., May 30, 2008

Progress of work:

Health and Safety: Pangea has worked 125 days without a lost time injury and 60 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea did not perform an official site inspection this week since there was only one work day before temporarily shutting down construction activities. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- 160LCD-7 Hyundai Track Hoe- Mobilized onsite Tuesday.
- IT 28G Rubber Tire Front End Loader
- Cat D-4G LGP Dozer- .
- 1-Weir Tank
- 3- Frac Tanks
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids-

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered this morning.
 - 11 loads (200 tons) of drainage gravel delivered to date.

5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered this morning.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric received late last week.
7. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls received early this week.

Dead Creek Segment-B Liner System Construction Activities:

Monday – No work today due to the Memorial Day Holiday.

Tuesday –

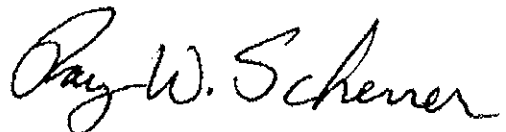
- The site is in a very wet condition. Approximately 1.8" inches of rain was received over the weekend. The rainfall refilled the creek segment upstream of the control berm at station 103+00. Site activities were limited to staging some 2" clean limestone and sand materials.
- The D-4 dozer was used briefly this morning to level the staging area so that 2" clean limestone and sand deliveries could be made.
- We received approval from the EPA to pump, treat, and discharge water from the ground water storage area. The treatment system was operated from ~11:30am until ~3:30pm to lower the ground water containment area south of station 103+00 approximately 1 ft. to allow for additional capacity during the forecasted rains.
- Due to the amount of storm water throughout the creek both down stream of creek segment B and in creek segment B it was decided during the weekly progress meeting the temporarily suspend construction activities within the creek for the next couple of weeks while the upper portion of creek segment B dewater.

Wednesday –

- Construction activities have been shut down for the next couple of weeks to allow for dewatering of the creek.

See URS Daily Field Reports #130 through #131 for additional construction notes, discussions, and details.

Signed by:


KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 029
Date: Fri., June 6, 2008

Progress of work:

Construction activities have been placed into a temporary shutdown mode due to the repeated heavy rain events. From Friday May 30th, 2008 through Friday June 6th, 2008 the site has received approximately 4 inches of rainfall. Storm water continues to be pumped by two submersible pumps from the north portion of Dead Creek Seg.-B (north of the control dam at station 103+00) passed the existing dam located south of Judith Lane.

The ground water containment area between station 103+00 and Judith lane was monitored throughout the week. Approximately 1ft (53,000 gal) of water was pumped, treated and discharged on Thursday to allow for forecasted rains this coming weekend.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- 160LCD-7 Hyundai Track Hoe- Mobilized onsite Tuesday.
- IT 28G Rubber Tire Front End Loader
- Cat D-4G LGP Dozer- .
- 1-Weir Tank
- 3- Frac Tanks
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids)-

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.

6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
7. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

The site remains in a temporary shut down and maintenance mode. It was anticipated to resume construction again next Monday. However, with the recent rainfall amounts, and river levels, the creek has not dewatered. Construction start up will have to be postponed until dryer weather conditions.

Signed by:

Ray W. Scherer
RWS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 030
Date: Fri., June 13, 2008

Progress of work:

Construction activities have been placed into a temporary shutdown mode due to the repeated heavy rain events. Storm water continues to be pumped by two submersible pumps from the north portion of Dead Creek Seg.-B (north of the control dam at station 103+00) passed the existing dam located south of Judith Lane.

The ground water containment area between station 103+00 and Judith lane was monitored throughout the week. Approximately 1ft (53,000 gal) of water was pumped, treated and discharged on Thursday to allow for forecasted rains this coming weekend.

Onsite Equipment:

- 290LC-7A Hyundai Extended Reach Track Hoe
- 160LCD-7 Hyundai Track Hoe- Mobilized onsite Tuesday.
- IT 28G Rubber Tire Front End Loader
- Cat D-4G LGP Dozer- .
- 1-Weir Tank
- 3- Frac Tanks
- Treatment System (6 Carbon Filter Vessels, Pump, sand filter, and bag filter skids)-

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.

URS

- 2- rolls of 16oz geotextile fabric.
7. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
- 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

The site remains in a temporary shut down and maintenance mode. It is anticipated to resume construction again mid July or when there is consistently dryer weather conditions and river levels have receded.

Signed by:

Ray W. Scherer
RWS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 031
Date: Fri., October 10, 2008

Progress of work:

During the past several ^{months} weeks, construction activities have been placed into a temporary shutdown mode due to the repeated heavy rain events. Storm water continued to be pumped by two or three submersible pumps from the north portion of Dead Creek Seg.-B (north of the control dam at station 103+00) passed the existing dam located south of Judith Lane. The ground water containment area between station 103+00 and Judith lane was monitored weekly in the event that water levels raised and needed to be pumped down.

Recently the rains have slowed down allowing the north portion of the creek to be dewatered. R. Scherrer requested that Pangea return onsite with a small crew to perform some general site completion activities in the very north portion of the site. Pangea was requested to complete the backfill of the ACB mat from Queeny Ave. south to +/- station 116+50, perform general site grading adjacent to the creek from Queeny Ave. south to approximately station 114+00 on the west side and station 116+00 on the east side, replace the chain link fencing in these areas, and pour a concrete overflow above the 36" dia Queeny Ave. culvert adjacent to the street inlet.

Mike Sheppard of Pangea returned onsite this week a mobilized one operator, two laborers, and a skid steer to complete the above mentioned tasks.

Onsite Equipment:

- Mustang Skid Steer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.

URS

5. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
6. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
7. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Mike Sheppard w/Pangea began mobilizing today.

Tuesday –

- Mike continued mobilizing today and organizing.

Wednesday –

- Pangea had 326.20 tons of CA-6 delivered to the north end of the site.
- Pangea used the skid steer to begin backfilling the ACB mat with the CA-6.

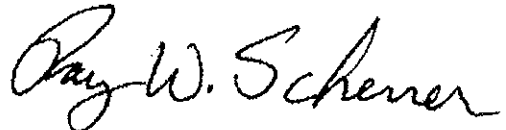
Thursday –

- Pangea continued to backfill the ACB mat with CA-6.
- Laborers began cleaning out the ACB mat seams in preparation to place 4000psi grout.

Friday –

- Pangea laborers continued to clean out the ACB mat seam locations in preparation for grout placement. Grout placement began at about 9:00am and continued through the afternoon. The west ACB mat seam was grouted and the north slope along with the areas adjacent to the 36"dia culvert pipe.
- Pangea also performed general site grading in preparation for replacement of the chain link fencing in the north portion of the site.

Signed by:


KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 032
Date: Fri., October 17, 2008

Progress of work:

During the past several weeks, construction activities have been placed into a temporary shutdown mode due to the repeated heavy rain events. Storm water continued to be pumped by two or three submersible pumps from the north portion of Dead Creek Seg.-B (north of the control dam at station 103+00) passed the existing dam located south of Judith Lane. The ground water containment area between station 103+00 and Judith lane was monitored weekly in the event that water levels raised and needed to be pumped down.

Recently the rains have slowed down allowing the north portion of the creek to be dewatered. R. Scherrer requested that Pangea return onsite with a small crew to perform some general site completion activities in the very north portion of the site. Pangea was requested to complete the backfill of the ACB mat from Queeny Ave. south to +/- station 116+50, perform general site grading adjacent to the creek from Queeny Ave. south to approximately station 114+00 on the west side and station 116+00 on the east side, replace the chain link fencing in these areas, and pour a concrete overflow above the 36"dia Queeny Ave. culvert adjacent to the street inlet.

Pangea completed the above mentioned tasks with the exception of the chain link fencing. Pangea demobilized Wednesday afternoon. Bellville Fencing is scheduled to be onsite next Monday to begin installing fence.

Onsite Equipment:

- Mustang Skid Steer-Demobilized.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.

5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea laborers continued to clean out the ACB mat seam locations in preparation for grout placement and completed grouting the east ACB mat seam.
- Additionally, Pangea cleaned up and rough graded the area above the 36"dia culvert and along Queeny Ave. in preparation to pour a concrete apron or over flow adjacent to the street inlet.
- Pangea rough grading the areas adjacent to the creek in preparation for replacement of the chain link fencing.

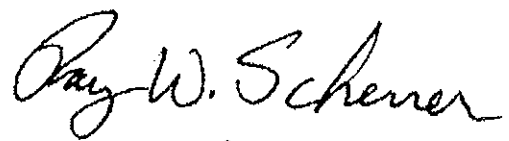
Tuesday –

- Pangea completed backfilling the ACB mat along the east slope with CA-6 from Queeny Ave. southward to +/- 116+50 then performed additional site grading in preparation to place chain link fencing.
- Pangea placed forms and wire mesh in preparation to pour the concrete overflow apron above the north slope adjacent to Queeny Ave. tomorrow morning.

Wednesday –

- Pangea poured the concrete overflow apron above the north slope adjacent to Queeny Ave. this morning. Pangea used 12cyds of 4000psi concrete. The pour and finishing was completed by noon. Light rains began ~1:00pm.
- Pangea began cleaning up the site and demobilizing again until water in the containment area (station +/-103+00 south to Judith Lane) can be completely dewatered and treated

Signed by:


KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 033
Date: Fri., October 24, 2008

Progress of work:

During the past several weeks, construction activities have been placed into a temporary shutdown mode due to the repeated heavy rain events. Storm water continued to be pumped by two or three submersible pumps from the north portion of Dead Creek Seg.-B (north of the control dam at station 103+00) ~~passed~~^{passed} the existing dam located south of Judith Lane. The ground water containment area between station 103+00 and Judith lane was monitored weekly in the event that water levels raised and needed to be pumped down.

Bellville Fencing was scheduled to be onsite Monday to begin installing fence. However, did not mobilize onsite until Tuesday. Bellville began installation of fencing this week and intends to return next week to continue fencing.

Onsite Equipment:

- Equipment has been demobilized.

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.

URS

- 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
- 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea remains off site until the creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence was scheduled to begin replacing fencing in the north portion of the site today. R. Scherrer received a call from Rodney Chapman of Belleville Fence Co. indicating that his crew would not be able to start until tomorrow morning.
- Pangea's Subcontractor Grantham Trucking delivered 8 loads of Dupo clay today for use to complete re-grading of the side slopes on the remaining portion of Dead Creek Seg. B to be lined.

Tuesday –

- Pangea remains off site until the creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence mobilized onsite this morning and installed the fence posts and gate posts along the west side of north portion of the creek from +/- sta. 114+50 north to Queeny Ave. Belleville Fence intends to return onsite tomorrow to place posts along the east side of the creek from Queeny Ave. south to +/- sta. 116+25.
- Pangea's Subcontractor Grantham Trucking delivered 2 loads of Dupo clay today for use to complete re-grading of the side slopes on the remaining portion of Dead Creek Seg. B to be lined.

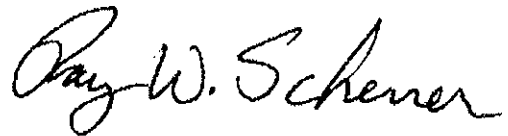

Wednesday –

- Pangea remains off site until the creek has been dewatered and ground water levels lower.
- Pangea's Subcontractor Belleville Fence returned onsite this morning and installed the fence posts and gate posts along the east side of north portion of the creek from Queeny Ave. to +/- sta. 116+25. Belleville Fence intends to return onsite next week to place chain link fencing.
- Pangea's Subcontractor Grantham Trucking did not deliver today.

Thursday –

- Construction activities shut down today due to the rain.

Signed by:

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 034
Date: Fri., November 28, 2008

Progress of work:

Health and Safety: Pangea has worked 127 days without a lost time injury and 63 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *November 25, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat D4G XL Dozer
- Cat 953C Highlift
- Cat 325C Excavator
- Cat 267B Skid steer
- Cat IT28G Front End Loader

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
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3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 11 loads (200 tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.

URS

- 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
- 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
- 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea's crew arrived onsite this morning and began becoming familiar with the site. The crew also went this morning to have blood work and screenings performed.
- Pangea then used the trackhoe to knock down and widen the temporary dam at station 103+00 to create a creek crossing for the equipment. Pangea utilized the trackhoe to relocate the temporary dam between Site M and the east bank of the creek further eastward onto Site M to allow equipment space to work along the east bank of the creek

Tuesday –

- Pangea began picking up and removing secondary dewatering hoses.
- Pangea used the high lift and track hoe to consolidate the clay stockpile and gravel stockpiles along the west side of the creek in preparation to construct and clear access points to the creek from the west side.

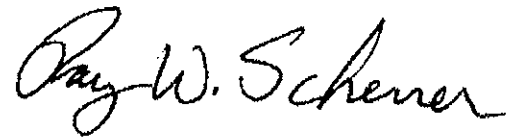
Wednesday –

- Pangea completed construction of access locations along the west side of the creek.
- Pangea completed construction of the temporary stormwater control dam between Site M and the east side of the creek.
- Pangea used the track hoe to remove the gravel check dam from in front of the 48"dia culvert pipe in preparation for site grading to begin next Monday.

Thursday and Friday–

- Holiday.

Signed by:


KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 035
Date: Fri., December 5, 2008

Progress of work:

Health and Safety: Pangea has worked 132 days without a lost time injury and 68 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on ***Tuesday, December 2, 2008***. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat D4G XL Dozer
- Cat 953C Highlift
- Cat 325C Excavator
- Cat 267B Skid steer
- Cat IT28G Front End Loader
- Long Stick Excavator

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.

URS

- 4 loads (56.04 tons) of sand delivered to date.
- 7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
- 8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea used the 325 track hoe and skid steer to continue removal of vegetation from the side slopes.
- Pangea used a mini trackhoe to assist a laborer with removing silt from the west concrete deadman in preparation for the liner crew to install the batten strips.

Tuesday –

- Pangea used a mini trackhoe to assist a laborer with removing silt from the west concrete deadman and began cleaning off the east deadman in preparation for the liner crew to install the batten strips.
- Pangea's second operator arrived onsite at 11:00am after his medical screening and set up the 325 track hoe to begin excavating the creek bottom and installing the drainage system. The 6"dia socked drainage pipe was installed from the 48"dia culvert pipe northward to station 101+00.

Wednesday –

- Pangea used a mini track hoe to assist a laborer with removing silt from the east deadman in preparation for the liner crew to install the batten strips.
- Pangea set up to continue excavating the creek bottom and installing the drainage system. However the existing pump began silting up and having difficulty keeping up with the ground water. Pangea began setting up a temporary sump and an additional pump was ordered from Rain For Rent to assist dewatering.
- Pangea moved the 325 track hoe out of the creek excavation so that the Long stick track hoe could be used to remove the excavated materials from the creek bottom which were excavated by the 325 excavator yesterday. Excavated materials are being relayed northward behind the excavator as the drainage system is installed. The long reach track hoe arrived at ~12:00pm and began removing the previously excavated materials.
- The Rain For Rent pump was delivered this afternoon but it did not operate correctly. Rain For Rent will deliver and install another pump tomorrow morning. In the mean time, the smaller pump will continue to be used to pump water to the water filtration system.
- Pangea used the Mini excavator to excavate the anchor trench along the south side of the creek near Judith Lane from the east concrete dead man westward.

URS

Thursday-

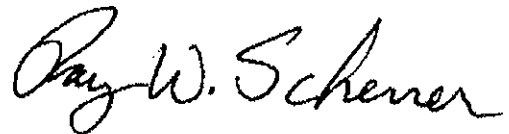
- Pangea used the long stick to continue to excavate the creek bottom in preparation to continue installation of the temporary drainage system from the 48" culvert pipe northward to +/-station 102+50. The long stick was also used to continue relaying previously excavated materials out of the creek bottom to a stockpile east of the creek.
- Pangea assisted Rain For Rent with construction of a temporary tent to be used to protect the treatment system from the cold weather.
- Rain For Rent returned onsite this afternoon to install the tent around the filter system. RFR left the site at ~7:00pm.

Friday--

- Pangea used the 325 excavator and the long stick to continue to excavating the creek bottom. Pangea installed the drainage system from the 48" culvert pipe northward to +/-station 102+50. Both excavators were used to relay excavated materials out of the creek bottom to a stockpile east of the creek.
- Rain For Rent returned onsite this afternoon to repair the back flush system.

See URS Daily Field Reports #147 through #151 for additional construction notes, discussions, and details.

Signed by:



KMB

Weekly Summary Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Project No.: 21561992.00002

Report No.: 036

Date: Fri., December 12, 2008

Progress of work:

Health and Safety: Pangea has worked 139 days without a lost time injury and 75 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *Thursday December 11, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat D4G XL Dozer
- Cat 953C Highlift
- Cat 325C Excavator
- Cat 267B Skid steer
- Cat IT28G Front End Loader
- Long Stick Excavator

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 277 loads (4,335.55 tons) of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.

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6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

Dead Creek Segment-B Liner System Construction Activities:

Saturday –

- Pangea used the 325 excavator and the long stick to complete excavating the creek bottom and install a sump at +/- station 102+50. Pangea installed the drainage system from the 48" culvert pipe northward to +/-station 102+50.
- Both excavators were used to begin dressing up the side slope in preparation for liner installation.

Sunday –

- R. Scherrer and a Laborer returned onsite this morning at 7:00am to refuel the torpedo heaters and re-secure the tents around the water treatment system.
- R. Scherrer and a Laborer returned onsite this evening at 4:30pm to refuel the torpedo heaters and re-secure the tents around the water treatment system.

Monday –

- Pangea used the 325 excavator and the long stick excavator to continue finish grading and dressing up the side slopes in preparation for liner installation.
- Pangea excavated around the 48"dia pipe culvert and exposed approximately 3' of the pipe in preparation for GSI to install the pipe boot around the pipe.
- Pangea installed a new sump just south of the location where the 1st sump was installed. This sump was installed a couple of feet deeper to allow water to be drawn down below final creek grade.

Tuesday –

- Pumps were shut off and Pangea recovered one pump from the sump. The smaller pump will have to be excavated out. Pangea worked on clearing water lines and pumping water to the frac tanks.

Wednesday –

- Pangea used the long stick to continue slope grading, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to begin cleaning off the silt and gravel from the geotextile at the proposed tie in location near station +/-103+00.

URS

- Pangea utilized the highlift and front end loader to relocate the stockpile of imported 2" clean gravel and imported clay from the west side of the creek along the portion to be lined in preparation for liner deployment.

Thursday-

- Pangea used the long stick to continue slope grading, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to continue to clean off the silt and gravel from the geotextile at the proposed tie in location near station +/-103+00.
- Pangea deconned and demobilized the 325 track hoe and the 953 highlift.

Friday-

- Pangea continued to use the long stick to grade slopes, and to stockpile previously excavated materials on the east side of the creek.
- Pangea used the long stick excavator to continue to clean off the bulk silt and gravel from the geotextile at the proposed tie in location near station +/-103+00. Laborers and hand shovels were used to clean off the remainder of the materials.
- Ground water and sand boils continue to show along the east toe of slope. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Several large boils developed along the east slope at +/- station 102+00 to 102+50. Pangea removed the failed portion of the slope and placed layers of riprap/drainage gravel/ and mirafi fabric to contain the flowing sands. A clay cap was then placed and track in above the layers in preparation for the liner subgrade.
- Pangea placed two layers of 16oz. geotextile above the drainage gravel in the bottom of the creek from the Judith Lane culvert pipe to +/-station 101+50 in preparation for the liner crew to begin deployment of liner tomorrow morning.

See URS Daily Field Reports #152 through #158 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherer
KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 037
Date: Fri., December 19, 2008

Progress of work:

Health and Safety: Pangea has worked 146 days without a lost time injury and 82 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *Friday December 19, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Mini Excavator
- Cat IT28G Front End Loader
- Long Stick Excavator
- All Terrain Lull/Forklift

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 4,682.30 tons of bedding gravel delivered to date.
3. Riprap-
 - 321 trailer loads (6,220.30 tons) of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 15 loads (326.20 tons) of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 17 loads (327.70tons) of drainage gravel delivered to date.

6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 4 loads (56.04 tons) of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 8 loads (180.75 tons) delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Saturday –

- Pangea continued to use the long stick to grade and stabilize slopes, and to remove the remainder of the temporary dam at station +/-103+00. Materials excavated from the temporary dam were stockpiled on the east side of the creek for later use as site grading materials.
- Ground water and sand boils continue to show along the east toe of slope mainly occurring between stations 102+00 to 103+00. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Pangea continued to excavate anchor trench as needed.
- Pangea/GSI began deploying geotextiles this morning. GSI deployed 8oz geotextile and 60mil HDPE geomembrane from the Judith Lane culvert pipe northward to approximately 102+00. GSI used sewing machines to seam the geotextile and a fusion welder to seam the 60mil HDPE. Quality Control testing was performed by GSI as the materials were deployed and installed.
- Pangea re-cleaned the surface of the concrete dead man (west and east sides) so that GSI could begin installation of the batten strips.

Sunday –

- Pangea use the long stick to complete grading of the west side slope at station 103+00. Laborers hand cleaned the gravel from the existing liner in preparation for GSI to perform the tie in weld.
- Ground water and sand boils continue to show along the east toe of slope mainly occurring between stations 102+00 to 103+00. The drainage system is helping, but the sand is filling the voids in the gravel so rapidly that there is still some surface water above the rock.
- Pangea continued to excavate anchor trench as needed.
- Pangea/GSI continued deploying geosynthetics this afternoon. GSI deployed 8oz geotextile and 60mil HDPE geomembrane from approximately 102+00 to approximately station 102+75. GSI used sewing machines to seam the geotextile and a fusion welder to seam the 60mil HDPE. GSI also continued detail work on installed portions of

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geomembrane. Quality Control testing was performed by GSI as the materials were deployed and installed.

- GSI installed batten strips in the west and east anchor trenches in the locations to receive ACB mat.

Monday –

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water.

Tuesday –

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.

Wednesday –

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.
- Pangea used the water from the creek to wash the ice of the liner along the creek slopes.
- Pangea also moved the bedding gravel from the onsite staging area to locations near the creek where the long reach track hoe will be able to reach and place the gravel into the bottom of the creek after the liner and geotextile is completed.

Thursday-

- Construction activities were shut down for the day due to weather and site conditions. Pangea had a 3 man crew onsite for most of the day to pump ground water and storm water. Pangea had 1 laborer onsite through the night to keep pumping ground water and prevent dewatering lines from freezing.
- Pangea used the water from the creek to wash the ice of the liner along the creek slopes.
- Pangea also moved and consolidated excavated clay piles for future use as site grading.

Friday–

- Due to the rains received last night, the area north of the temporary dam at station +/- 105+00 has filled with water. Pangea used the long reach track hoe and CA-6 gravel to increase the height of the dam again. Water that bleeds through the dam is being captured by an electric pump and sent to the waste water treatment system. Pangea is using 2- 4" gas pump to dewater beneath the in-place liner so the GSI can complete the final welds and installation.
- GSI completed installation of the batten strips in the west and east anchor trenches while waiting for the water from beneath the liner to be dewatered.
- GSI completed detail work and testing on the installed portion of the geomembrane. Then GSI began deployment of the top two layers of 16 oz geotextile. GSI placed two layers of geotextile from the culvert pipe northward to +/- station 102+00.

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- As GSI completed installation of the two layers of 16oz geotextile; Pangea began placement of bedding gravel in the bottom of the creek. Pangea place approximately 1.5 feet of gravel across the bottom of the creek.
- R. Scherrer and Mike discussed backfilling a portion of the anchor trench to anchor the liner and prevent pull out with the wind conditions and water conditions. Mike indicated that most of the onsite fill materials appeared to wet for placement. R. Scherrer recommended that Pangea use CA-6 to anchor down the liner in the event the onsite fill materials were to wet for compaction.

See URS Daily Field Reports #159 through #165 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherrer
RWS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 038
Date: Fri., December 26, 2008

Progress of work:

Health and Safety: Pangea has worked 146 days without a lost time injury and 82 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- All Terrain Lull/Forklift

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = 150,996sqft.
 - Geomembrane 60mil HDPE placed to date = 149,541sqft.
 - Geotextile 16oz placed to date = 297,080sqft.
2. Bedding Gravel-
 - 4,682.30 tons of bedding gravel delivered to date.
3. Riprap-
 - 6,220.30 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.

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- 2- rolls of 16oz geotextile fabric.
- 8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
- 9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Saturday –

- Water that bleeds through the temporary dam at station +/-105+00 continues to be captured by an electric pump and sent to the waste water treatment system. Pangea is using 2- 4" gas pump to dewater beneath the in-place liner so the GSI can complete the final welds and installation.
- GSI completed installation of the 8oz geotextile, 60 mil geomembrane, performed testing, detail work and then completed deployment of the two layers of 16oz geotextile.
- As GSI completed installation of the two layers of 16oz geotextile; Pangea continued placement of bedding gravel in the bottom of the creek. Pangea placed approximately 1.5 feet of gravel across the bottom of the creek. Pangea also began placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward.
- Pangea continued to backfill the anchor trench along the west side of Creek Seg. B. Pangea placed +/-8 inch lifts of CA-6 and compacted each lift with jumping jacks to a dense to very dense condition.

Sunday –

- Water that bleeds through the temporary dam at station +/-105+00 continues to be captured by an electric pump and sent to the waste water treatment system.
- R. Scherrer returned onsite 2 times today. Once this morning and once this afternoon to refuel the heaters and check the treatment system. Rain For Rent filtration system was observed to be operating at +/- 150gpm.

Monday –

- Due to the freezing temperatures and ice, pumping activities and construction activities were very limited. Pangea was unable to begin grading the bedding gravel in preparation for placement of the ACB mat, but was able to continue placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward to approximately station 103+00.

Tuesday –

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- Same as yesterday, due to the freezing temperatures and ice, pumping activities and construction activities were very limited. Pangea was unable to continue grading the bedding gravel in preparation for placement of the ACB mat, but was able to continue placement of the 6" layer of bedding gravel along the west slope from the north edge of the proposed ACB mat location northward to approximately station 103+00.
- Pangea stockpile additional bedding gravel and some CA-6 for backfilling of anchor trench along the east side of the creek channel.

Wednesday –

- Construction activities were shut down for the day due to weather and site conditions.
- Work is anticipated to resume next Monday after the Christmas Holiday.

Thursday-

- **Holiday Weekend.**

Friday--

- **Holiday Weekend.**

See URS Daily Field Reports #166 through #170 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherer
KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 039
Date: Fri., January 2, 2009

Progress of work:

Health and Safety: Pangea has worked 152 days without a lost time injury and 88 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *Friday January 2, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- 953 Cat High Lift
- Skid Steer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,682.30 tons of bedding gravel delivered to date.
3. Riprap-
 - 6,220.30 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.

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7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Sunday –

- R. Scherrer onsite to evaluate site conditions. Dead Creek Seg. B is full of storm water from the north end to the south end. The water level is at the top of the culvert pipes at both ends. R. Scherrer called Richard Williams and Mike Roach to discuss work activities for the upcoming week. Due to the extremely wet site conditions, construction activities will be shut down for Monday with the anticipation of pumping water on Tuesday. R. Scherrer will be onsite Monday morning to re-evaluate the site conditions.

Monday –

- R. Scherrer onsite to evaluate site conditions. Dead Creek Seg. B is full of storm water from the north end to the south end. After discussing the quantity of storm water onsite with Richard Williams and Solutia Representatives, the decision to have the contained storm water tested prior to pumping it around the work zone was made. Mike Miller with URS was requested onsite late this morning to collect water samples. The samples were collected and then sent to TEKLAB, INC. to be tested for VOC, SVOC, Herbicides, and Pesticides. Samples results are expected by late tomorrow afternoon. If results are acceptable then the water will be pumped around the work area as it was before the liner was installed and completed. Ground water is now separated from the storm water entering Dead Creek Seg. B. by the liner. Therefore the storm water should be acceptable to pass through the site as final construction (placement of bedding gravel, riprap, and ACB mat) is completed. These conditions will be evaluated when test results are received.

Tuesday –

- The laborers were used today to open the three water storage tanks and the one weir tank. The weir tank contains some silt and fine sand in the front two bays and will have to be cleaned out by using the vacuum truck. The three storage tanks were all opened and thoroughly cleaned out by using a fire hose through the side entry doors. No one was required to enter the tanks and a confined space entry was not needed. Drain plugs were opened on the water filtration system to prevent refreezing and prepare the system for demobilization.
- Test results for the contained storm water (from Queeny Ave to Judith Lane) sample collected yesterday were received this evening. URS and Richard Williams reviewed the results. Test results were acceptable and pumping of the storm water passed the work zone and to the south side of Judith Lane will resume as it was before the area north of the work zone (area north of +/- station 105+00) was used as a temporary ground water storage area.

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Wednesday –

- Laborers set up pumps to dewater storm water from Dead Creek Seg. B. One electric pump and two gas pumps were used to dewater the creek today. The laborers also set up an addition pipe line so that a third gas pump may be used on Friday when we return from the New Years Day Holiday.
- A couple of laborers were used part of the day to continue disassembly of the water filtration system and set the system up for demobilization.

Thursday-

- **Holiday Weekend.**

Friday–

- Pangea used 3-4” gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the long reach track and laborers to finish grade the bedding gravel from station 100+60 to station 101+40 in preparation for placement of the ACB mat.
- The Odesco Vacuum truck arrive onsite at ~8:00am and was used to remove sediments from the weir tank. Pangea was able to remove the sediments and clean the tank approximately 95%. Some frozen debris remains and will be hand cleaned out prior to demobilization.

See URS Daily Field Reports #171 through #175 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherer
KMB

Weekly Summary Report

Dead Creek Segment-B Liner System

URS Personnel: Ray Scherrer

Contractor: Pangea

Project No.: 21561992.00002

Report No.: 040

Date: Fri., January 9, 2009

Progress of work:

Health and Safety: Pangea has worked 158 days without a lost time injury and 94 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- 953 Cat High Lift
- Skid Steer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Riprap-
 - 6,435.20 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.

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8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Saturday –

- Pangea used 2-4" gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the Bolmeir Crane to install 23 out of 30 ACB mats today. ACB mats have been placed on the east slope across the bottom and three have been set on the west slope.
- Pangea used the long reach and the 953 high lift to begin rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.

Monday –

- Pangea used 1-4" gasoline pumps to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the Bolmeir Crane to install the final 7 ACB mats today on the west slope.
- Pangea also used the crane to set the 48" concrete flare at the Judith Lane culvert.
- Pangea completed tying off approximately half of the ACB mats along the east anchor trench then used the crane w/concrete bucket to place the grout anchor cover on the tied off ACB mats. Concrete blankets were place to protect the grout from over night freezing.
- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.

Tuesday –

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfill of the east anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea also used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.

Wednesday –

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.

URS

- Pangea used the long reach and the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfill of the east and south anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea also used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.
- Pangea received polycord this morning then completed tying off the ACB mats in the east and west anchor trenches. Grout was then placed to cover the poly cords in the west anchor trench. Blankets were placed over the grout for freeze protection.
- SCI onsite today for Pangea to cast grout test cylinders.

Thursday-

- Pangea used 1-4" gasoline pump off and on to continue to dewater storm water from Dead Creek Seg. B.
- Pangea used the 953 high lift to continue rough site grading activities along the east side of the site. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea continued backfilling the remainder portions of the anchor trench with CA-6 and onsite fill materials. Jumping jacks were used to compact each lift of fill material to a dense compact condition.
- Pangea used the long reach track hoe to continue placement of the six inch layer of bedding gravel along the east slope.
- Pangea used the long reach and skid steer to place grout to cover the poly cords in the east and west anchor trench and completed the anchorage of the ACB mats. Blankets were placed over the grout for freeze protection.
- SCI onsite today for Pangea to cast grout test cylinders.
- Pangea also set the 24" flare end on the 24" overflow pipe culvert at Judith Lane.

Friday-

- Pangea used the 953 high lift to continue rough site grading activities along the east side of the site and staging riprap materials. Stockpiled previously excavated soils were spread out and used for site grading materials.
- Pangea used laborers and the long reach track hoe to place 4000psi concrete to complete the ACB mat seams this morning. Pangea placed a loose layer of CA-6 on the concrete seams this afternoon to act as a blanket and protect the concrete from freezing.
- SCI onsite today for Pangea to cast concrete test cylinders.
- Pangea continued to use the long reach track hoe to place and grade the bedding gravel along the east slope.
- The temporary dam at +/- station 105+00 was removed today allowing the last amount of storm water to migrate south to the temporary sump area near the ACB mats.

See URS Daily Field Reports #176 through #181 for additional construction notes, discussions, and details.

URS

Signed by:

Ray W. Scherer

HMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 041
Date: Fri., January 16, 2009

Progress of work:

Health and Safety: Pangea has worked 163 days without a lost time injury and 99 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *Monday January 12, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- 953 Cat High Lift
- Skid Steer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Riprap-
 - 7,165.55 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.

URS

7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea used the 953 high lift, long reach track hoe and the skid steer to backfill the east and west anchor trenches in the location of the ACB mats. Stockpiled previously excavated soils were spread out, placed in lifts and then tracked walked in by the equipment. Each lift was observed to be compacted to a firm to stiff condition.
- Pangea continued to use the long reach track hoe to place and grade the bedding gravel along the east slope. Later this afternoon the long reach was used to resume placement of riprap in the bottom of the creek.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Tuesday –

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1 ft. layer of riprap along the east slope.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Wednesday –

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1 ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea grouted the pipe seams on the 24" dia and 48" dia concrete flared end pipe sections at Judith Lane. Pangea will grout the remaining 48" pipe seams when the pipe plug is removed.
- Pangea continued site clean up throughout the site. Consolidating materials piles and placing in final storage areas.

Thursday-

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1 ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.

URS

Friday--

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.

See URS Daily Field Reports #182 through #186 for additional construction notes, discussions, and details.

Signed by:

Ray W. Scherer
RWS

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 042
Date: Fri., January 23, 2009

Progress of work:

Health and Safety: Pangea has worked 168 days without a lost time injury and 104 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Stormwater Pollution Prevention Activities: Pangea continues to perform weekly Storm Water Pollution Prevention Plan Erosion Control Inspections. This week's inspection was performed by Mike Roach on *Tuesday January 20, 2008*. Note: The 48" dia pipe plug remains in the Judith Lane culvert pipe preventing any uncontrolled water from leaving the site.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- 953 Cat High Lift
- Skid Steer
- Cat D4 Dozer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Riprap-
 - 7,348.1 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.

URS

7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the east and west slopes from Station 103+00 south to Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea placed +/-8" lifts of stockpiled import clay along the east side of the creek from +/- station 101+00 to station +/- 102+25 to fill the site back to original grade and reconstruct the corner of the Towler Property. Each lift was placed and tracked in by the 953 track high lift then compacted by the sheep foot roller 4 plus passes to a stiff condition. Pangea is preparing this area for final site grading and the replacement of the chain link fencing.

Tuesday –

- Pangea continued to use the long reach track hoe to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along the south portion of the site around the 48"dia and 24"dia culvert pipes near Judith Lane.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea demobilized the rock box today.
- Pangea surveyors were onsite part of the day to lay out the locations of the chain link fence to be replaced and set up the stationing so that surface of the riprap layer can be surveyed for the as built record drawing.

Wednesday –

- Pangea used the long reach track hoe this morning to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along west slope. With exception of some finish grading of the riprap, the rip rap layer along the west slope has been completed.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea used the front end loader to load a tandem dump truck with stockpiled soils and place the loads of soils in locations requiring finish site grading. Pangea used the front end loader and the D4 dozer to grade out areas through out the site.
- R. Scherrer requested that Pangea assist Vandevanter with the removal of the permanent Dead Creek dewatering pump south Judith Lane and the installation of the new pump. The

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long reach excavator was required since the pump location is far passed the reach of a standard boom truck. The excavator and operator were used from about 9:30 am through to end of the day 4:30pm.

Thursday-

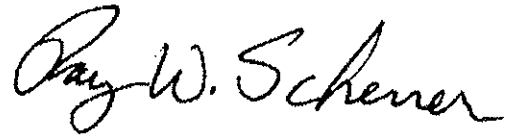
- R. Scherrer requested that Pangea place geotextile and +/-6inches of riprap in a small triangular shape area along the east side of the creek near the property fence line (along the Towler Property). Pangea used the long reach track hoe this morning to place the riprap.
- Pangea used the long reach track hoe to continue to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap along east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea grouted the pipe seams in the 36"dia pipe culvert at Queeny and started grouting the pipe seam in the 48"dia. Pipe culvert at Judith Lane.
- Pangea began pressure washing the crane mats and deconning them in preparation for demobilization.

Friday-

- Pangea used the long reach track hoe to continue to place and finish grade the 6 inch layer of bedding gravel and 1ft. layer of riprap across the remaining portion of the creek bottom and along east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles.
- Pangea has pressure washed the crane mats and will have a wipe test performed them in preparation for demobilization.

See URS Daily Field Reports #187 through #191 for additional construction notes, discussions, and details.

Signed by:



KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 043
Date: Fri., January 30, 2009

Progress of work:

Health and Safety: Pangea has worked 170 days without a lost time injury and 106 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Onsite Equipment:

- Cat IT28G Front End Loader
- Long Stick Excavator
- 953 Cat High Lift
- Skid Steer
- Cat D4 Dozer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Riprap-
 - 7,400 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.

URS

8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.
9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Monday --

- Pangea used the long reach track hoe to complete placement of the 1 ft. layer of riprap across the remaining portion of the east slope.
- Pangea continued site clean up throughout the site. Consolidating equipment and materials piles. Pangea staged the remaining rolls of geosynthics from along the TSCA cell to the area adjacent to the north side of the WWTF barn.

Tuesday --

- Mike Roach called off construction activities today due to weather and site conditions.

Wednesday --

- Construction activities are called off today due to weather and site conditions.

Thursday-

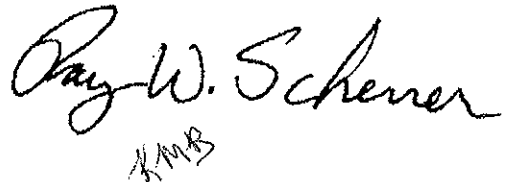
- Construction activities are called off today due to weather and site conditions.

Friday--

- Pangea used the IT28 front end loader, D4 dozer and skid steer throughout the morning to remove snow from the parking lot areas, roadways, and areas to receive new fencing.
- This afternoon the long reach track hoe was demobilized and the 325 track hoe was mobilized onsite today to complete final site work.
- Pangea moved to the east side of the creek this afternoon and continued site grading. Pangea continued to move the spoils stockpiles and place the spoils in landscape areas along the east side of the creek for site grading.
- Pangea performed wipe tests on the wood crane mats in preparation for demobilization. The mats will be checked for herbicides, pesticides, VOCs, and SVOCs.

See URS Daily Field Reports #192 through #196 for additional construction notes, discussions, and details.

Signed by:



Ray W. Scherer
KMB

Weekly Summary Report

Dead Creek Segment-B Liner System
URS Personnel: Ray Scherrer
Contractor: Pangea

Project No.: 21561992.00002
Report No.: 044
Date: Fri., February 6, 2009

Progress of work:

Health and Safety: Pangea has worked 175 days without a lost time injury and 111 days since the recordable injury on Friday December 14, 2007. Pangea continues to conduct daily toolbox safety meetings each morning.

Onsite Equipment:

- Cat IT28G Front End Loader
- 953 Cat High Lift
- Skid Steer
- Cat D4 Dozer

Onsite Material Summary:

1. Geosynthetics-
 - Geotextile 8oz placed to date = +/- 175,996sqft.
 - Geomembrane 60mil HDPE placed to date = 173,975sqft.
 - Geotextile 16oz placed to date = +/- 349,080sqft.
2. Bedding Gravel-
 - 4,968.7 tons of bedding gravel delivered to date.
3. Riprap-
 - 7,400 tons of riprap delivered to date.
4. CA-6 Crushed Limestone Gravel for ACB Mat
 - 326.20 tons of CA-6 delivered to date.
5. 2" Clean Drainage Gravel- For creek bottom dewatering ditch drain.
 - 327.70tons of drainage gravel delivered to date.
6. Clean Washed Filter Sand- For creek bottom dewatering ditch drain.
 - 56.04 tons of sand delivered to date.
7. 16oz Geotextile- For creek bottom dewatering ditch drain.
 - 2- rolls of 16oz geotextile fabric.
8. 6"dia Socked Drainage pipe- For creek bottom dewatering ditch drain.
 - 3- 100' rolls onsite.

URS

9. CA-6 - For Temporary Dam at +/-sta105+00
 - 180.75 tons delivered to date for construction of the temporary dam.

Dead Creek Segment-B Liner System Construction Activities:

Monday –

- Pangea reconnected the discharge pipeline from the WWTF to Dead Creek. A new hose was installed and placed onto the riprap layer. The discharge hose extends about 2/3rds of the way down slope. The portion of the pipe coming out of the ground and running horizontally across the ground was covered by a thermal blanket and then several feet of clay for freeze protection. The portion of the pipe running down slope along the surface of the riprap will be left uncovered.
- Pangea removed the temporary 6”dia HDPE pipeline that was used as the pump around discharge pipe.
- Pangea continued site grading along the east side of the creek. Most of the stockpiled spoils pile on the east side of the creek has been used for side grading along the site, spread out as needed and graded to drain.

Tuesday –

- Pangea continued site grading along the east side of the creek.
- Pangea used the skid steer to touch up the CA-6 washed areas on the ACB mat located on the north end of the site.
- Pangea continued site clean up activities.

Wednesday –

- Pangea continued site grading along the east side of the creek.
- Pangea used the skid steer to touch up the CA-6 washed areas on the ACB mat located on the north end of the site.
- Pangea continued site clean up activities.

Thursday-

- Pangea continued site grading along the east side of the creek.
- Pangea continued site clean up and demobilization activities.

Friday–

- Pangea continued site grading along the west and east sides of the creek.
- Pangea continued site clean up and demobilization activities. Pangea demobilized their office trailer today.
- Pangea placed 3 loads of CA-6 to top of the site haul roads. R. Scherrer request 2 loads of CA-6 be placed on the parking lot area and 1 load of 1” clean be placed in the pole barn area.

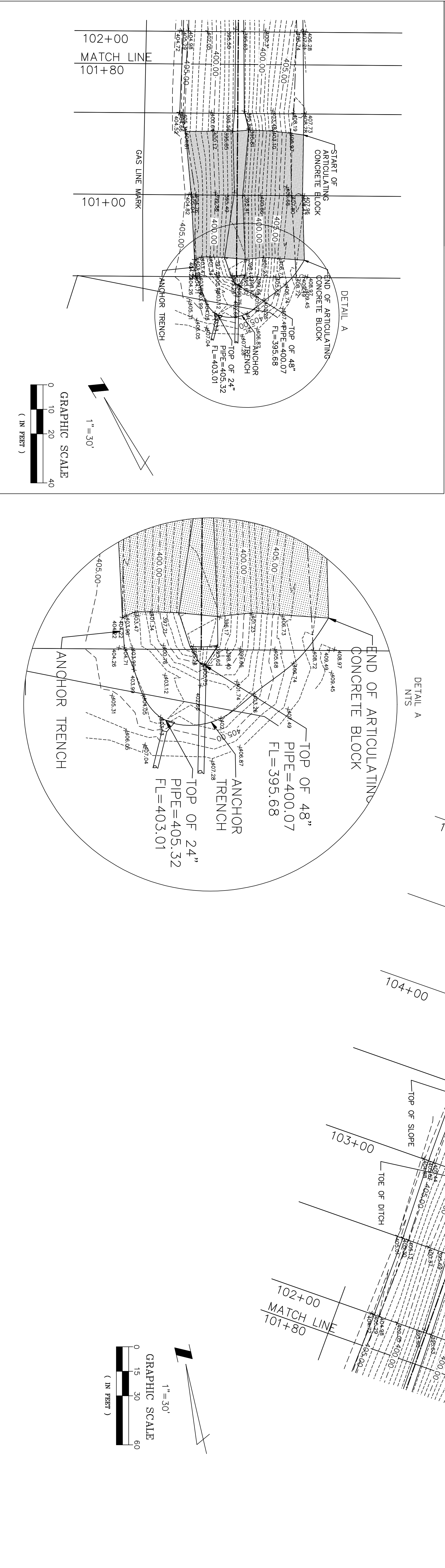
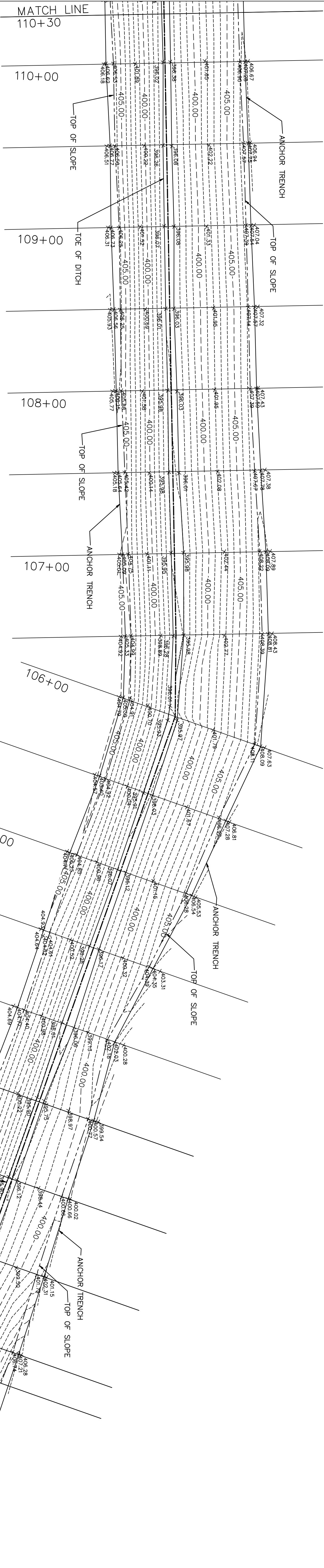
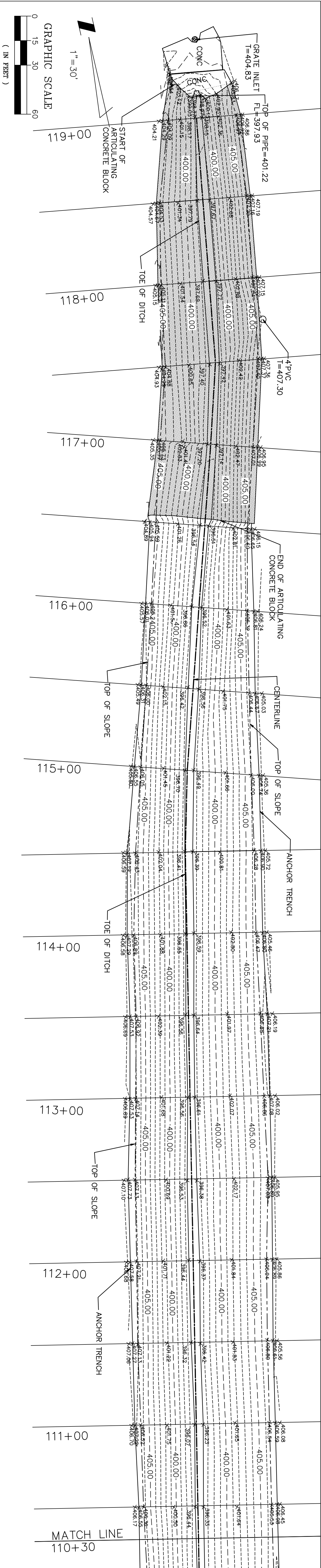
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See URS Daily Field Reports #197 through #201 for additional construction notes, discussions, and details.

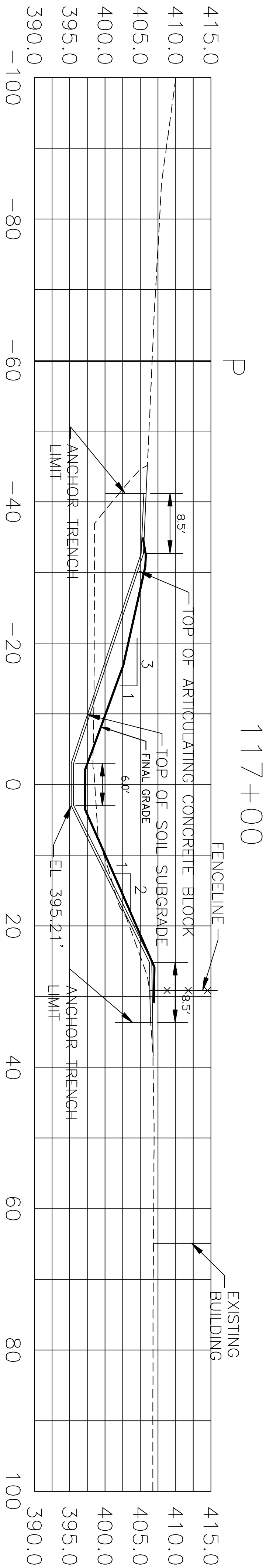
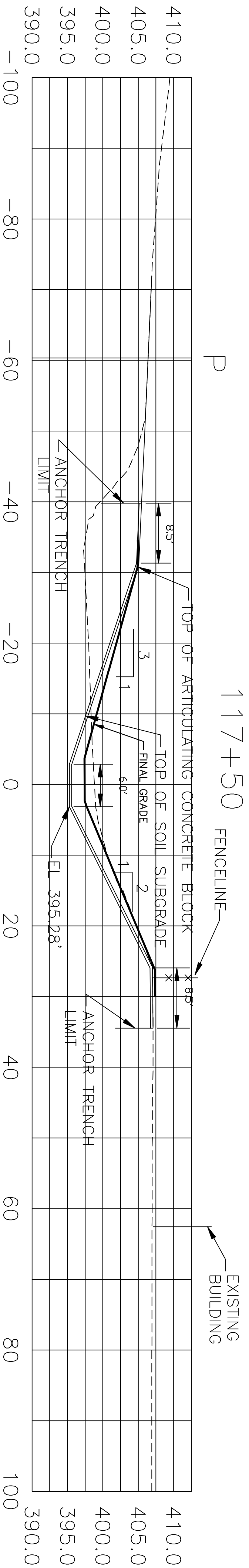
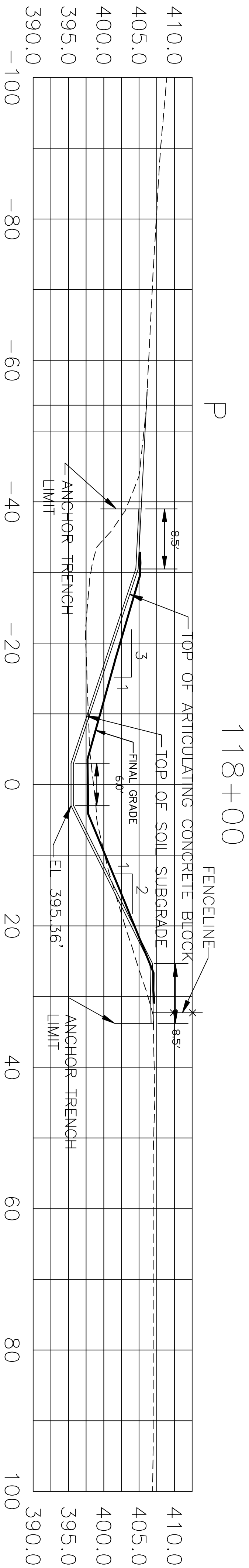
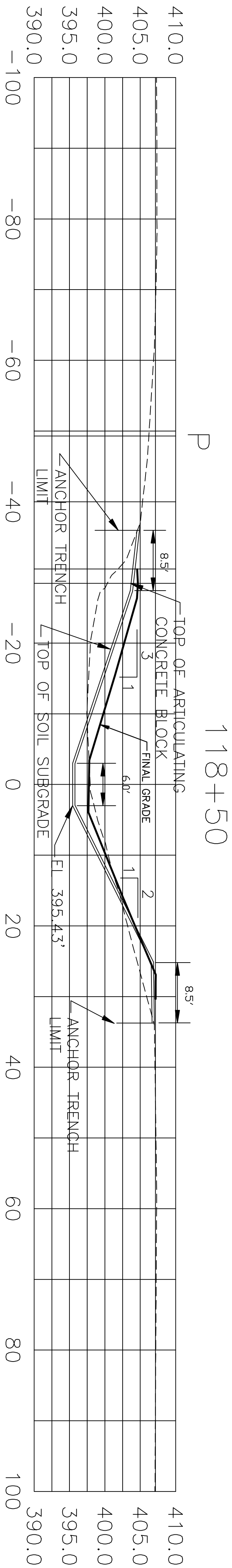
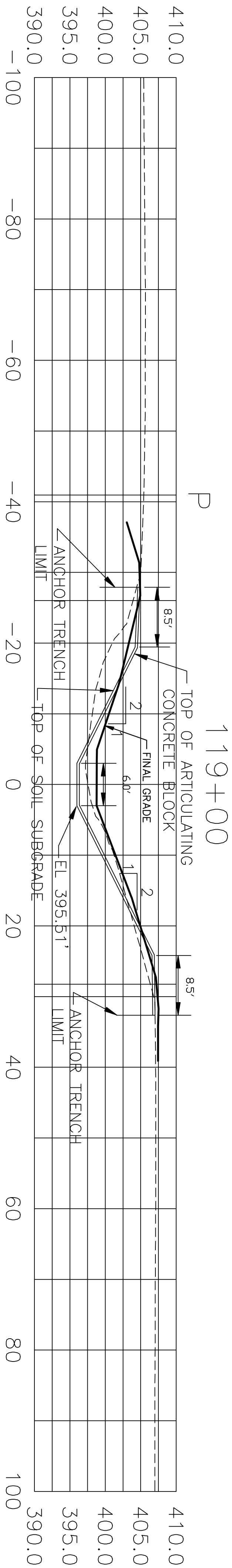
Signed by:

Ray W. Scherer
KMB

AS-BUILT DRAWINGS



CONTRACT NO. 07SS041-001		<div>DEAD CREEK TOP OF RIP RAP AS BUILT DRAWING</div>	<div><div>PANGEA ENGINEERING AND SURVEYING, L.L.C.</div><div>ENGINEERS • SURVEYORS</div><div>2604 S. JEFFERSON ST. LOUIS, MISSOURI 63118</div><div>(314) 333-0600</div></div>	DISCLAIMER OF RESPONSIBILITY I HEREBY SPECIFY THAT THE DOCUMENTS INTENDED BY MY SEAL ARE LIMITED TO THIS SHEET, AND HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.		DESIGNED: BDS					
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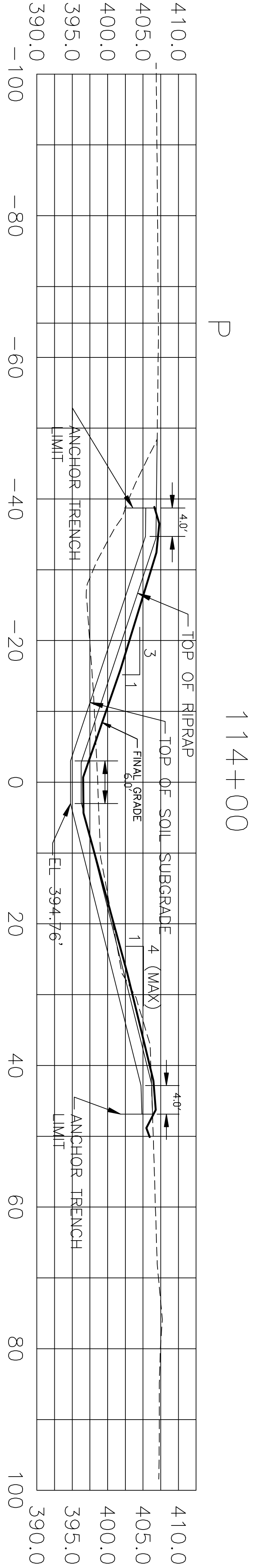


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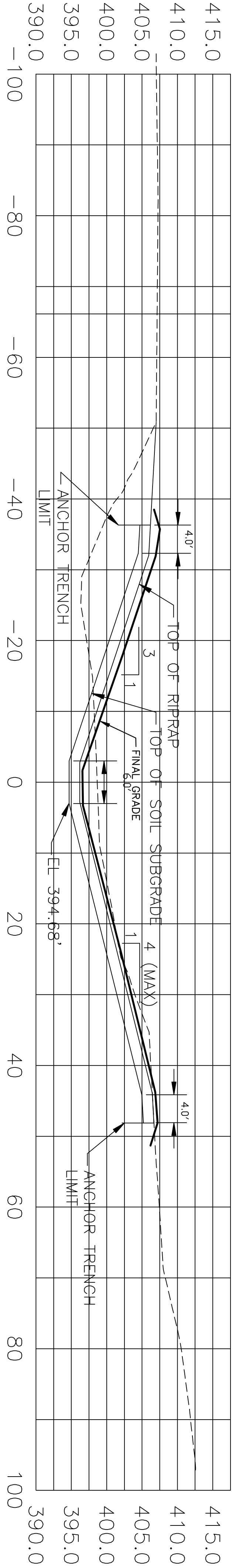
CONTRACT NO. 07SS041-001	DEAD CREEK TOP OF RIP RAP AS BUILT DRAWING	 <div>PANGEA ENGINEERING AND SURVEYING, L.L.C. ENGINEERS • SURVEYORS</div> <div>2604 S. JEFFERSON ST. LOUIS, MISSOURI 63118</div> <div>(314) 333-0600</div>	<div>DISCLAIMER OF RESPONSIBILITY I HEREBY SPECIFY THAT THE DOCUMENTS INTENDED BY MY SEAL ARE LIMITED TO THIS SHEET, AND HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, SPECIFICA- TIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRU- MENTS RELATING TO OR IN- TENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.</div>	DESIGNED: BDS				
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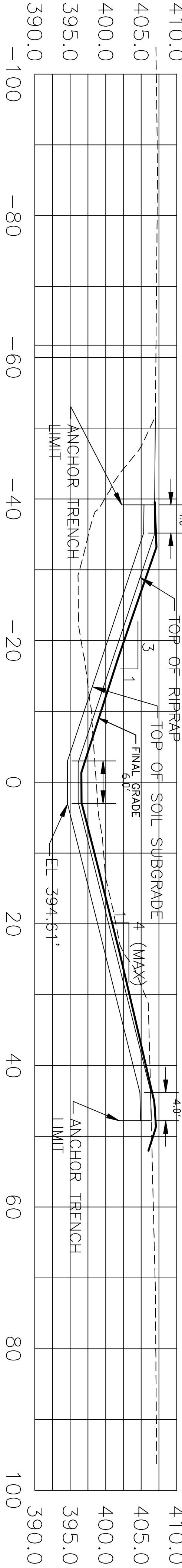
PANGEA ENGINEERING
AND SURVEYING, L.L.C.
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2604 S. JEFFERSON
ST. LOUIS, MISSOURI 63118
(314) 333-0600



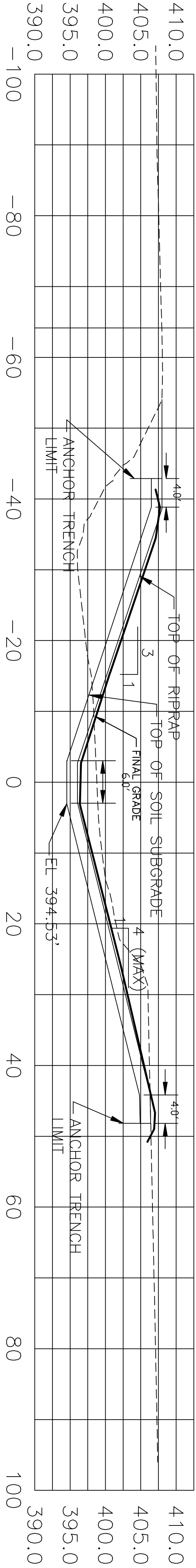
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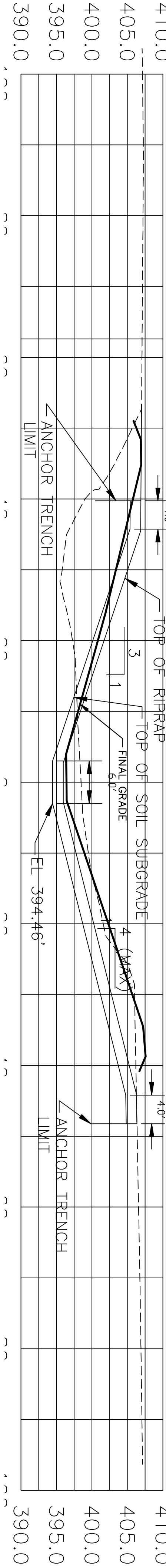
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AND SURVEYING, L.L.C.

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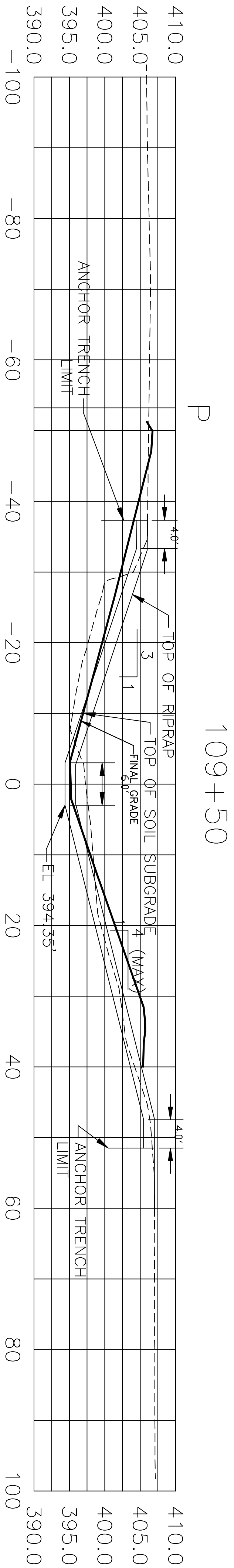
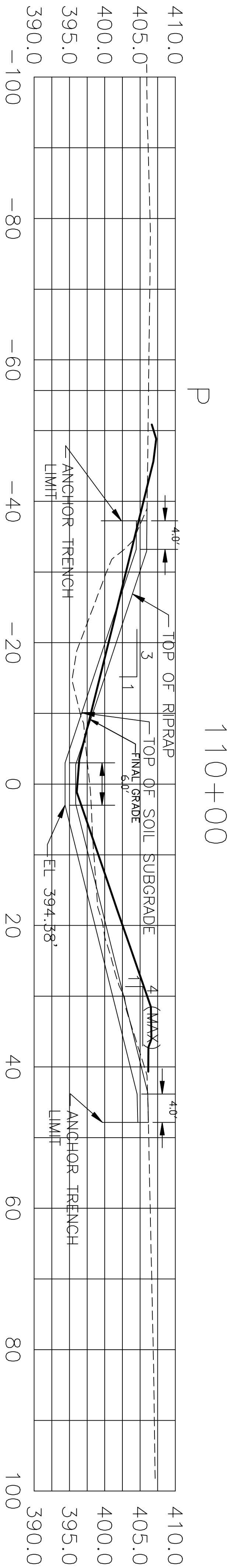
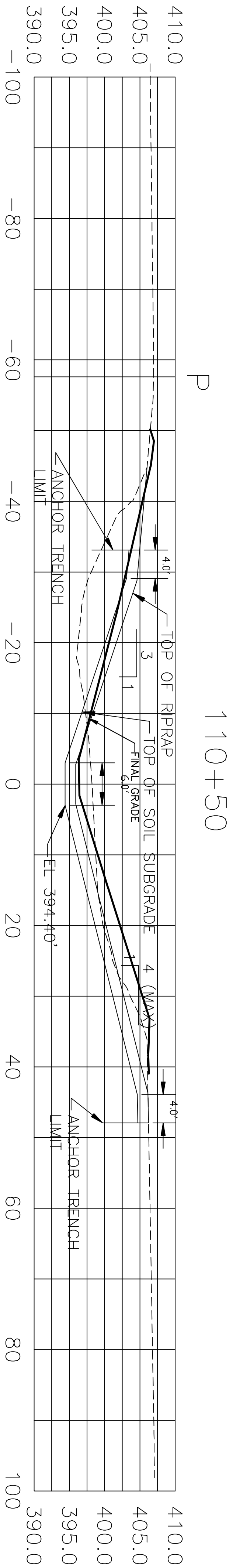
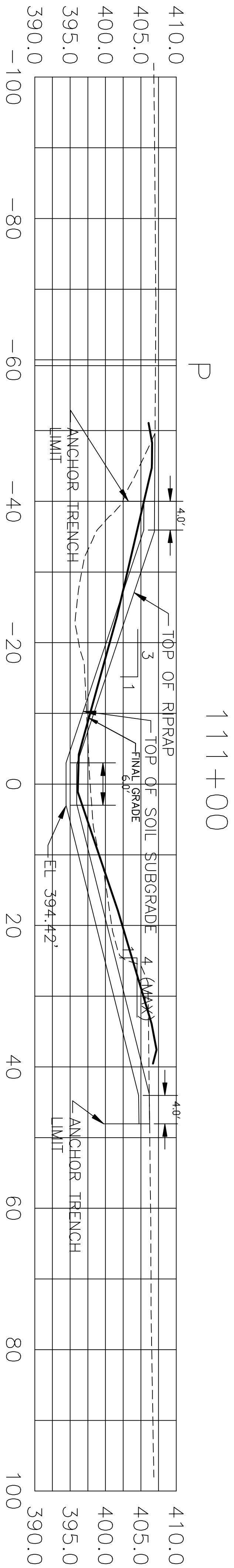
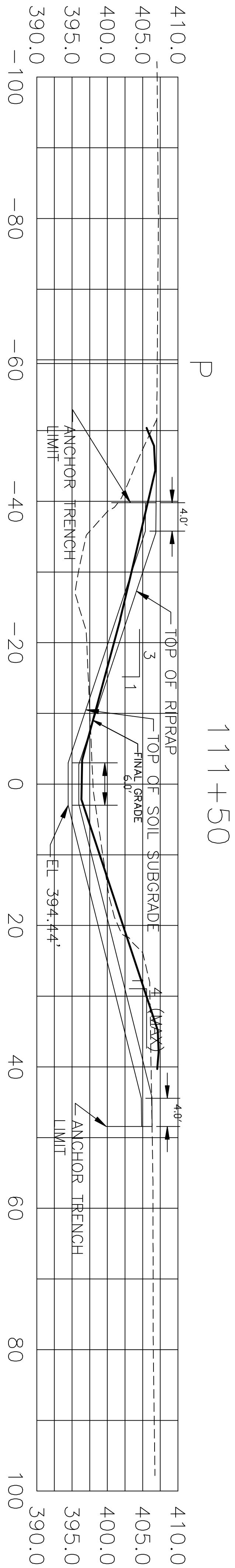
2604 S. JEFFERSON
ST. LOUIS, MISSOURI 63118

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DEAD CREEK
TOP OF RIP RAP
AS BUILT DRAWING

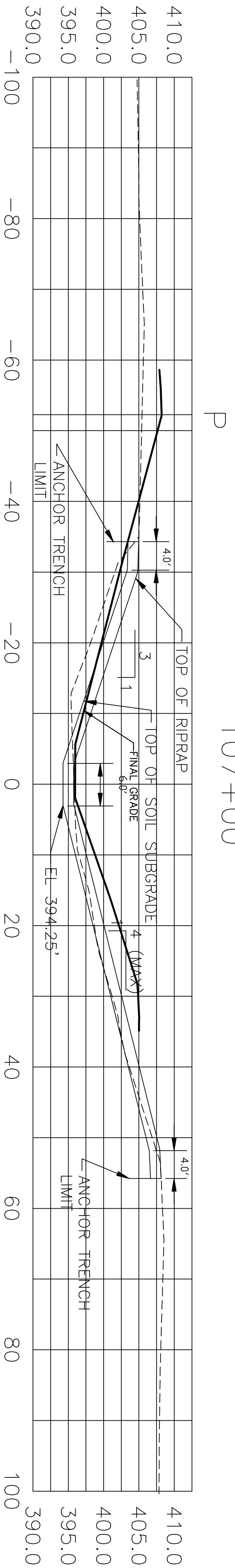
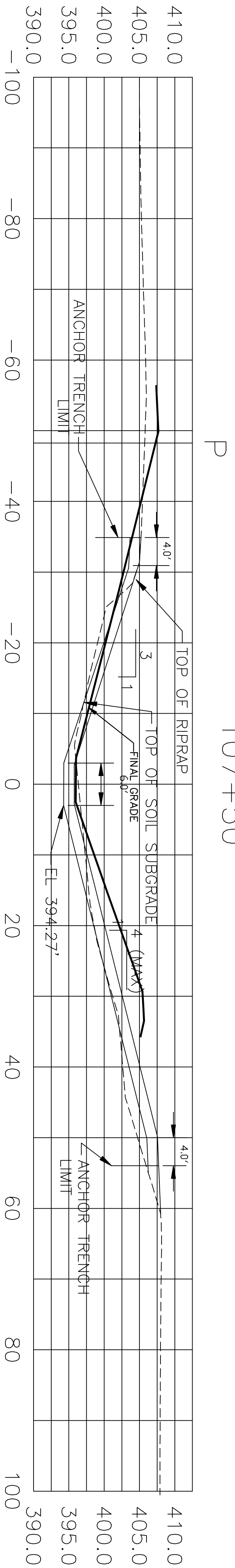
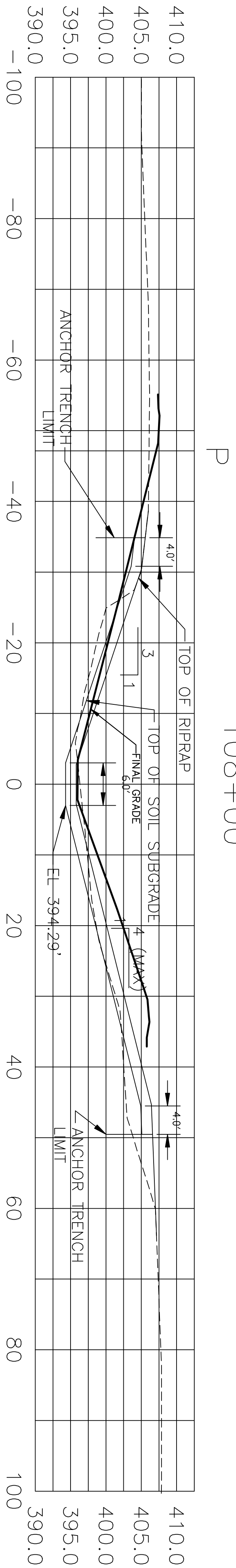
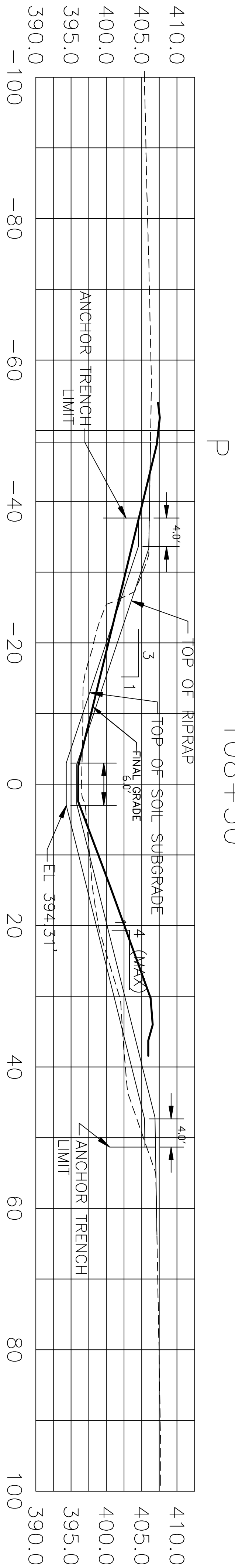
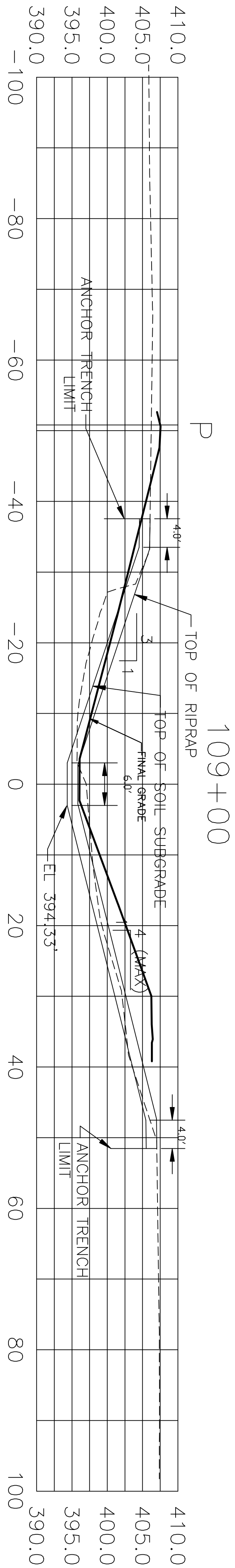
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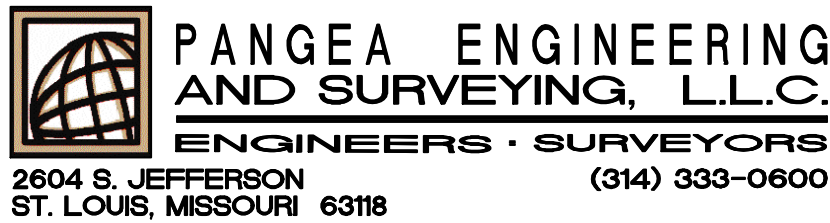


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CONTRACT NO. 07SS041-001	DEAD CREEK TOP OF RIP RAP AS BUILT DRAWING	 PANGEA ENGINEERING AND SURVEYING, L.L.C. ENGINEERS • SURVEYORS 2604 S. JEFFERSON ST. LOUIS, MISSOURI 63118 (314) 333-0600	<small>DISCLAIMER OF RESPONSIBILITY I HEREBY SPECIFY THAT THE DOCUMENTS INTENDED BY MY SEAL ARE LIMITED TO THIS SHEET, AND HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, SPECIFICA- TIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRU- MENTS RELATING TO OR IN- TENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.</small>	DESIGNED: BDS						
DRAWING NO. AS BUILT DWG				DRAWN: BDS						
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SHEET NO. 5-9				APP. BY: SMH						
				DATE: 2-11-09	REV	DATE	BY	APP.	DESCRIPTION	



DEAD CREEK
TOP OF RIP RAP
AS BUILT DRAWING

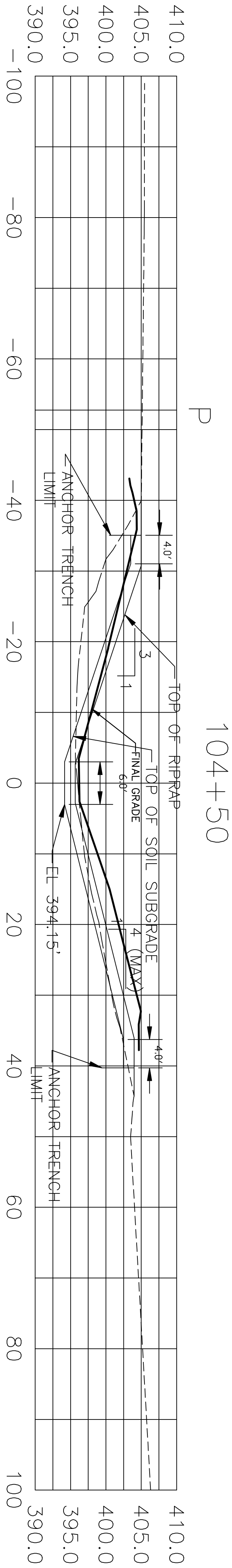
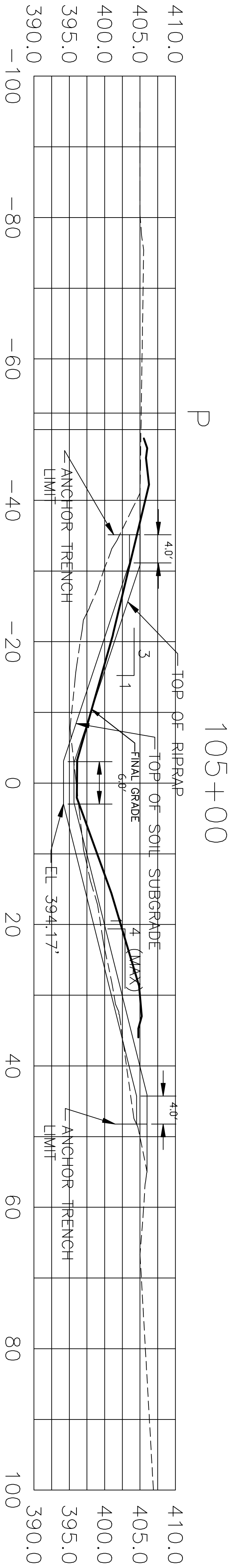
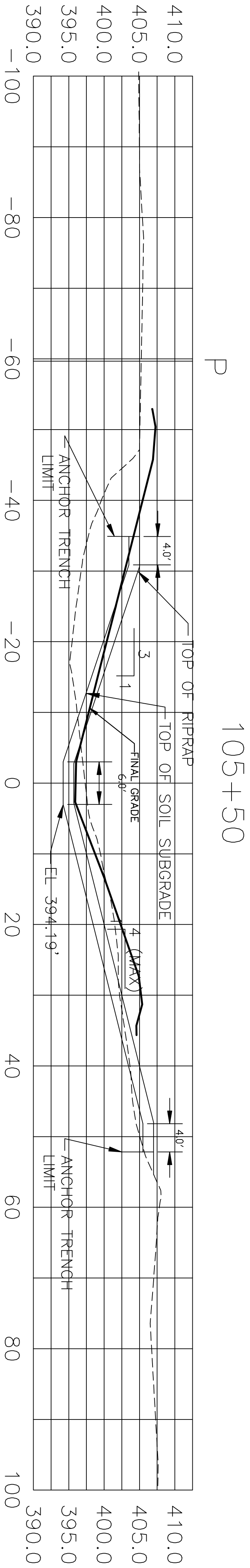
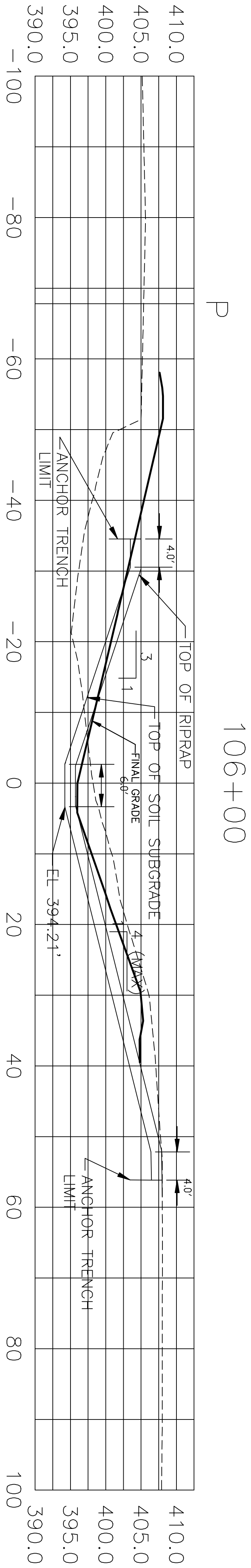
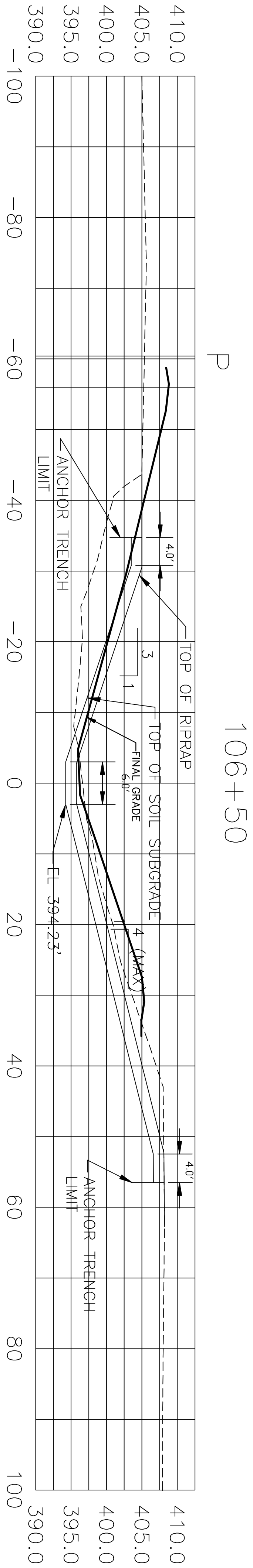


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DESIGNED: BDS					
DRAWN: BDS					
CHECKED: SMH					
APP. BY: SMH					
DATE: 2-11-09	REV	DATE	BY	APP.	DESCRIPTION

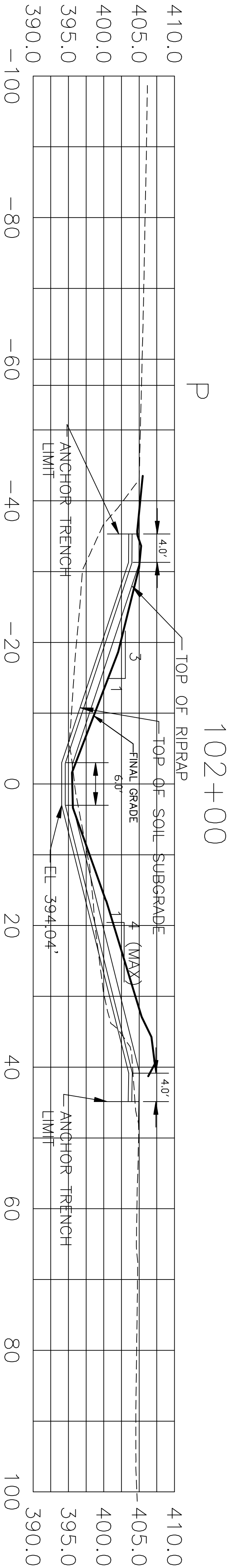
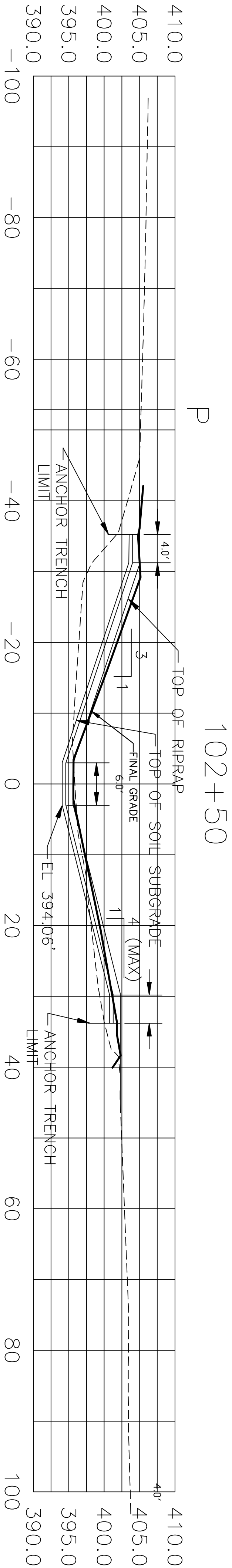
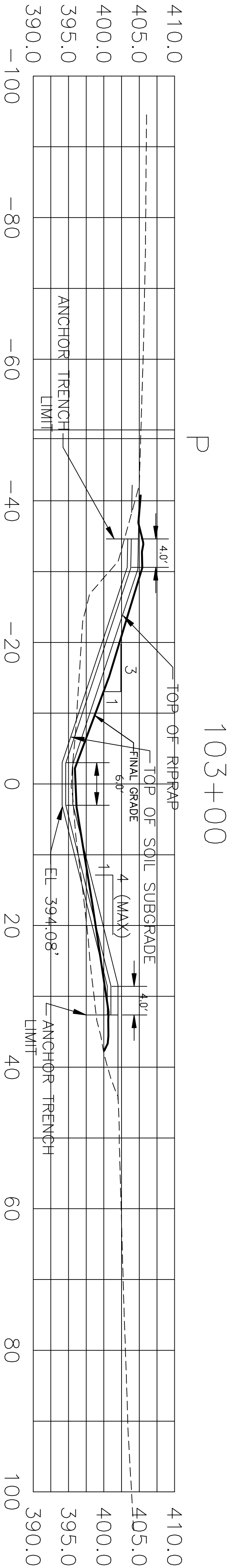
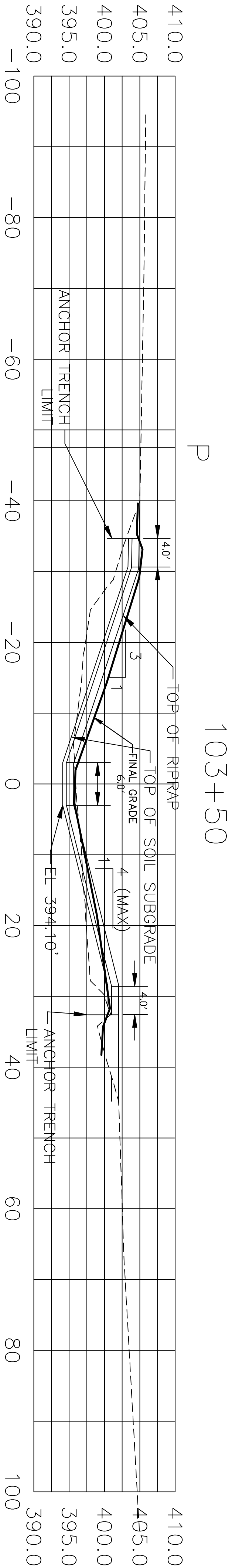
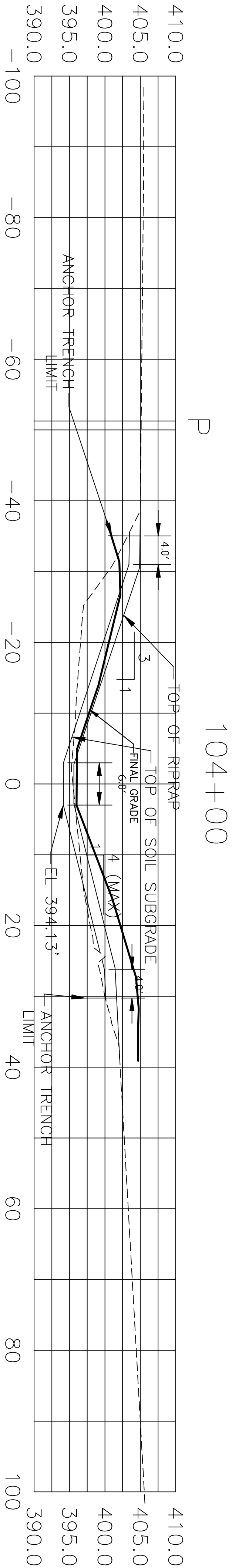
CONTRACT NO. 07SS041-001
DRAWING NO. AS BUILT DWG
SCALE: 1"=30'
SHEET NO. 6-9

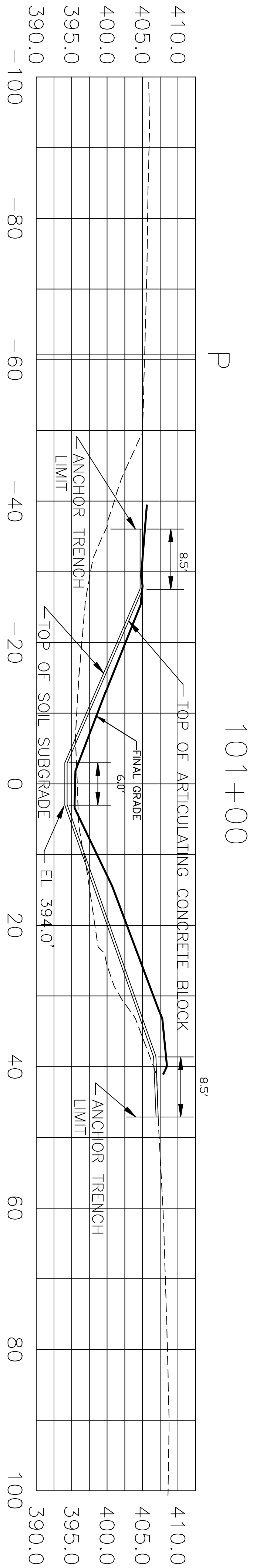
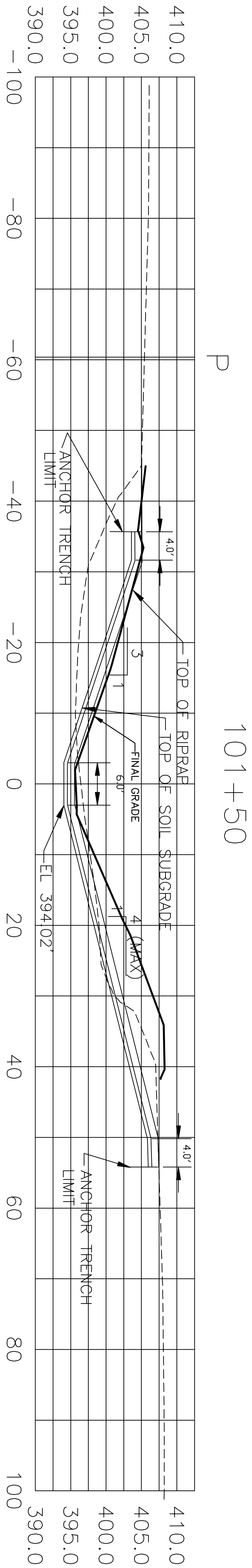
SCALE
HORZ.: 1"=10'
VERT.: 1"=10'



SCALE
HORZ.: 1"=10'
VERT.: 1"=10'

CONTRACT NO. 07SS041-001	DRAWING NO. AS BUILT DWG	SCALE: 1"=30'	SHEET NO. 7-9	DEAD CREEK TOP OF RIP RAP AS BUILT DRAWING	 <div>PANGEA ENGINEERING AND SURVEYING, L.L.C. ENGINEERS • SURVEYORS 2604 S. JEFFERSON ST. LOUIS, MISSOURI 63118 (314) 333-0600</div>	<div>DISCLAIMER OF RESPONSIBILITY I HEREBY SPECIFY THAT THE DOCUMENTS INTENDED BY MY SEAL ARE LIMITED TO THIS SHEET, AND HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, SPECIFICA- TIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRU- MENTS RELATING TO OR IN- TENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.</div>	DESIGNED: BDS							
							DRAWN: BDS							
							CHECKED: SMH							
							APP. BY: SMH							
							DATE: 2-11-09	REV	DATE	BY	APP.	DESCRIPTION		





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APP. BY: SMH					
DATE: 2-11-09	REV	DATE	BY	APP.	DESCRIPTION

DEAD CREEK
TOP OF RIP RAP
AS BUILT DRAWING

CONTRACT NO. 07SS041-001
DRAWING NO. AS BUILT DWG
SCALE: 1"=30'
SHEET NO. 9-9

SCALE
HORZ.: 1"=10'
VERT.: 1"=10'